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6-6.13
Spring Edition 1933

MICHELL'S

Wholesale Catalogue

SEEDS, BULBS, PLANTS

Supplies for Florists and Market Gardeners

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**NEW AFRICAN MARIGOLD
GUINEA GOLD**

Trade Packet, 50c; \$2.50 per oz.

For Description, see page 3

Henry F. Michell Co.

516 and 518 MARKET STREET

PHILADELPHIA, PA.

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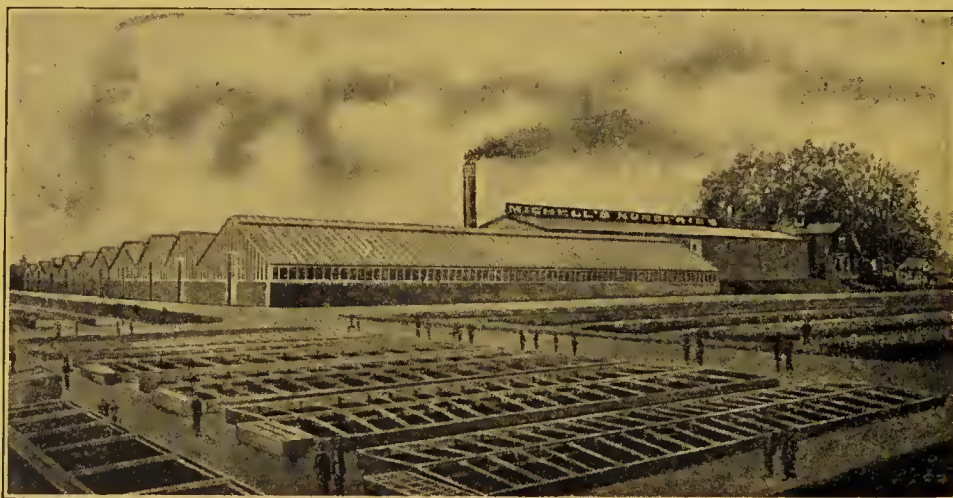
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MICHELL'S NOVELTIES AND SPECIALTIES

FLOWER SEEDS FOR 1933

FOR GENERAL LIST OF FLOWER SEEDS SEE PAGES 6 TO 30

ANTIRRHINUM (Snapdragon)

Special Forcing Varieties

The following varieties are all of recent introduction and are of especial merit; they are money makers for the florist.

Allman's Pink (*Novelty*). A decided improvement in the pink class; color is that of the Briarcliff Rose; has splendid keeping qualities. Half trade pkt., \$1.25; \$2.00 per trade pkt.

Afterglow. A beautiful golden bronze shade. Trade pkt., \$1.00; \$2.50 per 3 pkts.

Cheviot Maid Supreme. An improvement on Cheviot Maid, a deeper pink in color and longer stem. Trade pkt., \$1.50; \$4.00 per 3 pkts.

Rose Queen. A very rich dark pink shade. Trade pkt., \$1.00; \$2.50 per 3 pkts.

ANTIRRHINUM (Snapdragon)

ROCK HYBRIDS

Very early flowering; the plants are of small, compact growth and especially adapted for growing in rock gardens. Choice mixed colors. Trade pkt., 50c.; \$3.00 per oz.

ASTERS

Fusarium Wilt Resistant Strains

We take pleasure in offering the following Wilt Resistant Asters. These we believe to be practically immune to this disease; we feel sure that by using this seed, many disappointments due to crop failures will be eliminated.

Improved Queen of the Market. Crimson, Dark Blue.

Early Royal. Azure Blue, Purple, Rose Pink.

Improved Crego. White, Deep Rose, Shell Pink, Violet.

Simple's Branching. Azure Blue, Deep Rose, Shell Pink, White.

Heart of France. Ruby Red. Any of the above varieties, 50c. per trade pkt.; per oz., \$2.00.

SINGLE GIANT ASTER

CALIFORNIA SUNSHINE MIXED

Plants of this new race grow 3 feet high and bear blossoms on long stems, making them fine for cutting; the individual blooms are enormous, being 4 to 5 inches across. In color, the duo-tone effect is wonderful, with the disk a lovely light yellow and the encircling guard pedals in varying shades of apple blossom, deep rose, blue and lavender there are produced most beautiful color contrasts. We offer seeds in mixed colors only. Trade pkt., 50c.; \$3.50 per oz.



Candytuft, Miniature Gem



Campanula, New Annual Single

CAMPANULA (Canterbury Bells)

New Annual Single Mixed

A new annual Canterbury Bell which blooms from seed in less than six months. The plants grow from 2 to 2½ feet high and each plant produces from 6 to 8 spikes of bloom. Originator's stock seed in a selected mixture only. Trade pkt., 75c.; \$2.00 per ¼ oz.

BEGONIA SEMPERFLORENS

Darling (*Latest Novelty*). This new variety of one of the best known German growers we cannot recommend too highly. The plants are of ball shape and dwarf habit, growing approximately 8 inches high; flowers are large and of a very brilliant carmine rose; this variety is most effective for beds and borders and is also well adapted for growing in pots. Originator's stock. Half trade pkt., 85c.; \$1.50 per trade pkt.

Glow (*Novelty*). One of the newer introductions and a big favorite in Europe. The flowers are dark red; foliage deep bronze; very free blooming; very compact growth; height about 10 inches. Originator's stock. Trade pkt., 75c.; \$2.50 per ⅓ oz.

CALCEOLARIA

Albert Kent Hybrids

A splendid English variety for either greenhouse culture or outdoors; flowers medium in size and produced in large graceful clusters, in an excellent mixture. Trade pkt., \$1.25; \$5.00 per ⅓ oz.

CANDYTUFT, MINIATURE GEM

(Hyacinth Flowered Type)

A dainty miniature variety 3½ inches in height, each plant producing from 4 to 6 spikes; a perfect "miniature gem" for the rock garden; pure white in color. Originator's stock. Trade pkt., 50c.; \$2.50 per oz.

CELOSIA, HEATHERDELL

(New Ostrich Plume)

A fine new variety with great trusses of beautifully feathered and interlaced plumes, in a fine range of red, pink and yellow shades mixed; especially adapted for pot culture. Trade pkt., 75c.; \$1.50 per $\frac{1}{8}$ oz.

DELPHINIUM, ENGLISH HOLLYHOCK

(WATKIN'S SAMUEL'S WREXHAM STRAIN)

The finest large flowered type to date; immense spikes.

Trade pkt. Oz.

Art Shades.....	($\frac{1}{4}$ oz., \$2.25)	\$1.00
Deep Blue Shades.....	($\frac{1}{4}$ oz., 2.25)	1.00
Light Blue Shades.....	($\frac{1}{4}$ oz., 2.25)	1.00
Selected Mixture.....	.75	\$6.00



Larkspur, Lilac Spire

DELPHINIUM BLACKMORE AND LANGDON'S STRAIN

A new improved type of this splendid English variety; plants are of strong, vigorous growth and produce immense spikes of large flowers; every describable shade of blue is in this mixture. Trade pkt., 75c.; \$5.00 per oz.

DELPHINIUM Iceberg

A new pure white variety, which comes true from seed; a strong, healthy grower, producing 4 foot spikes. A decided novelty and well worth growing. Trade pkt., 75c.; \$2.00 per $\frac{1}{8}$ oz.

LARKSPUR GIANT IMPERIAL

This new type of Larkspur is identical in branching habit with the Giant Imperial Stock; flowers very double; plants of strong robust growth; 3 to 4 feet.

BLUE SPIRE

An intense deep Oxford blue. Trade pkt., 30c.; \$1.50 per oz.; $\frac{1}{4}$ lb., \$5.00.

LILAC SPIRE

Bright lilac color. Trade pkt., 30c.; \$1.50 per oz.; $\frac{1}{4}$ lb., \$5.00.

WHITE SPIRE

A glistening pure white. Trade pkt., 30c.; \$1.50 per oz.; $\frac{1}{4}$ lb., \$5.00.

CARMINE KING

Rich carmine. Trade pkt., 30c.; \$1.50 per oz.; $\frac{1}{4}$ lb., \$5.00.

Mixed Colors

Trade pkt., 25c.; \$1.00 per oz.; $\frac{1}{4}$ lb., \$3.50.



Lupinus, Giant Hartwegi

ANNUAL LUPINUS

Giant Hartwegi Mixed
(1933 Novelty)

A new improved strain of annual Lupinus. This type grows from 3 to 4 feet high and with the base-branching habit, each plant produces from 4 to 6 spikes of blooms which are much larger than the old type. Choice mixture of colors. Trade pkt., 40c.; \$2.50 per oz.

LUPINUS POLYPHYLLUS (Perennial)

Salmon Queen (Novelty). This beautiful new variety is a strain of salmon shades, coming fairly true and a splendid addition to this popular perennial. Pkt., 25c.; 75c. per large pkt.

LOBELIA, BLUE STONE (Michell's Novelty)

A splendid dwarf variety of very compact growth, the plants being completely covered with large, bright blue flowers; unsurpassed for borders or boxes. Trade pkt., 50c.; \$3.00 per oz.

NEW AFRICAN MARIGOLD Gulnea Gold

A very valuable novelty that has created a sensation as a most desirable cut flower; it is a distinct type, producing no singles whatsoever, the flowers coming 100% double and semi-double. In color, a clear orange flushed with gold; it is very loose petaled and lacks the odor of the regular African Marigold. Trade pkt., 50c.; \$2.50 per oz.

*Nasturtium, Golden Gleam***NASTURTIIUM****GOLDEN GLEAM (Novelty)**

This new type is of semi-trailing habit and is a new development in Nasturtiums. The plant forms a vigorous large bush, which throws out short runners averaging 18 inches. The sweet scented, large double flowers are of a golden yellow color and average 2 to 3 inches across. They are borne on erect stiff stems 6 inches in length and stand well above the foliage; splendid for cutting. For the florist who grows pot plants this variety is a good proposition and well grown plants in 3-inch pots will find a ready sale. The seed we offer is strictly originator's stock. Trade pkt., 25c.; 75c per oz.

PANSY**Michell's New Swiss Giants**

This new strain has enormous flowers and contains many unusual colors, such as salmon, pink, red, etc., which are all beautifully blotched. Trade pkt., \$1.00; \$1.50 per 1/8 oz.; 1/4 oz., \$2.75; \$10.00 per oz.

PETUNIA**DWARF CALIFORNIA GIANTS****(Ramona Strain)**

A splendid new dwarf strain of the well known California Giants; excellent for pot culture and also good for bedding; the flowers are large and beautifully colored, with open throats well marked and veined. Half trade pkt., 60c.; \$1.00 per trade pkt.; 1/4 oz., \$2.00; \$3.50 per 1/2 oz.

PETUNIA, VIOLET KING

Beautiful velvety violet blue; immense fringed flowers; strong habit of growth. Half trade pkt., 75c.; \$1.25 per trade pkt.; 1/4 oz., \$3.50.

DOUBLE FLOWERING PETUNIA**LILLIPUT (Nana Erecta Compacta)**

A very dwarf, compact strain, which produces medium sized, double flowers in great profusion. A perfect gem for bedding purposes.

	Trade pkt.	1/4 oz.	1/2 oz.
Crimson.....	\$1.00	\$3.00	\$5.00
Rosy Morn.....	1.00	3.00	5.00
Snowball.....	1.00	3.00	5.00
Mixed.....	1.00	3.00	5.00

PETUNIA, FLORETTA

A new large flowered, single fringed variety; habit similar to Theodosia; color, beautiful steel blue, veined black. Pkt., 25c.; \$1.00 per large pkt.

RUDBECKIA, MY JOY

A new annual variety; flowers are bright orange yellow with small cone center, they are not over 5 inches in diameter; very free flowering; splendid for cutting. Trade pkt., 40c., \$2.50 per oz.

*Salvia, Fire King***SALVIA, DWARF FIRE KING****(Michell's 1933 Novelty)**

A new extra early Salvia, flowering about four weeks earlier than other existing types. The plants are of very compact habit, exceedingly dwarf and completely covered with medium sized brilliant scarlet flowers. Trade pkt., 75c.; \$3.50 per oz.

SALVIA, BLUE BEDDER**(Novelty)**

A new variety of Farinacea; very compact in form, of a deep blue shade and flowering very profusely. A perennial, flowering from seed the first year. Trade pkt., 40c.; \$2.50 per oz.

STATICE, DUMOSA**(Novelty)**

A new perennial variety, growing 2 1/2 feet high and producing dense clusters of very pretty silvery gray flowers; excellent for florists' use. Trade pkt., 75c.; \$5.00 per oz.

STOCK, GIANTS OF CALIFORNIA

Santa Maria

1933 Novelty

A new giant double pure white variety of exceptional merit. Giant flowers on a long flowering truss; of splendid branching habit. The long stems of Santa Maria make it a very desirable cut flower for the florist. This stock will produce a very high percentage of doubles. Trade pkt., 75c.; \$2.25 per 1/4 oz., oz., \$8.00.

STOCKS, GIANT DOUBLE EXCELSIOR

Column Type, Non-Branching

This new type of stock produces one enormous spike 2 to 3 feet long and is especially adapted for greenhouse culture, as the plants can be grown close together; blooms about ten days earlier than Bismarck and also produces a high percentage of doubles. We offer a select list of the most popular colors.

	Trade pkt.	1/4 Oz.	Oz.
Light Blue.....	\$0.75	\$2.25	\$8.00
Purple.....	.75	2.25	8.00
Rose.....	.75	2.25	8.00
Ruby. Rich dark ruby red.....	.75	2.25	8.00
Silvery Lilac.....	.75	2.25	8.00
White.....	.75	2.25	8.00

VERBENA GRANDIFLORA

LAVENDER GLORY

(Novelty)

We feel that this novelty is undoubtedly the most glorious color in Verbenas, being a true lavender, with a medium size, creamy white eye. The individual floret will cover a fifty cent piece; it is also distinctly and sweetly fragrant. Trade pkt., 50c.; \$6.00 per oz.

VERBENA, NEWPORT SALMON

(Michell's)

This new Verbena is a splendid giant flowering, true salmon pink with white eye; extra large individual florets and coming absolutely true from seed; plants are of very vigorous habit. One of the finest Verbenas. Trade pkt., 40c.; \$2.50 per oz.



Zinnia, Pumila Picotee "Delight"



Verbena, Beauty of Oxford Hybrids

VERBENA

Beauty of Oxford Hybrids

(1933 Novelty)

This is a splendid giant hybrid, resulting from a cross between Verbena Luminosa and Beauty of Oxford. The color shades from clear rose pink to rose-red, making this the brightest rose Verbena every produced from seed. The individual florets measure over one inch in diameter. Originator's stock seed. Trade pkt., 50c.; \$2.00 per 1/4 oz.

VIOLA, ARKWRIGHT RUBY

(Novelty)

This new Viola is of the large flowered type and in color a beautiful, bright rosy crimson, with terra cotta shadings, making it a very outstanding variety, with the added attraction of being very fragrant. Trade pkt., 75c.; \$2.00 per 3 pkts.

VIOLA, YELLOW QUEEN

(Novelty)

Another truly large flowered type; color, deep pure yellow, coming practically 100% true from seed; the plants are of robust habit and of a very free flowering nature; a decided acquisition to the Viola group. Trade pkt., 75c.; \$2.00 per 3 pkts.

VIOLA, JERSEY GEM

This is the most popular and free blooming of all the Violas; in color a pure rich violet; of dwarf habit and continuously in bloom. Trade pkt., 75c.; \$2.00 per 1/8 oz.

VIOLA, APRICOT QUEEN

This variety is one of the finest of the Violas; color a beautiful rich apricot yellow, tinged orange; flowers large; plants robust and very free blooming. Pkt., 25c.; \$1.00 per large pkt.

ZINNIA PUMILA

PICOTEE "DELIGHT"

An extra select variety in light and deep salmon shades; the petals of the flowers are ruffled and curled, each petal being beautifully picotee-edged. We highly recommend this variety as a splendid florists cut flower proposition. Trade pkt., 40c.; \$2.00 per oz.

MICHELL'S "DISTINCTIVE" FLOWER SEEDS

"Distinctive" Strains of Flower Seeds for the florist is one of our specialties and no trouble or expense is spared in our endeavor to supply only the best and most improved strains, both from home and foreign growers.

For full descriptions see our Retail Catalog, a copy of which will be mailed free upon application.

NOTE—Half trade packets are only supplied where listed; where smaller quantities are wanted than that listed, retail packets may be ordered at a discount of 33 1/3 per cent. from our retail catalog prices.

On all Flower Seeds quoted in this Catalog there is no extra charge for Parcel Post, excepting for Registry or Insurance.

Fractions of ounces are supplied as follows:

Where price per oz. is	Where price per oz. is	Where price per oz. is	1/2 oz.	1/4 oz.
\$0.25	Where price per ounce is 50c. or	\$0.75	\$0.40	\$0.25
.30	less, half ounces	1.00	.50	.30
.35	can be supplied	1.25	.65	.35
.40	at a slight in-	1.50	.75	.45
.50	crease in prices.	1.75	.90	.50
	1/2 oz. 1/4 oz.	2.00	1.00	.60
.60	\$0.35 \$0.20	2.25	1.15	.65
		2.50	1.25	.70

All varieties of Flower Seeds unless otherwise noted are annuals.



Alyssum, Michell's Bouquet

ALYSSUM

***Michell's Bouquet.** Our special selected strain Trade Oz.
is the finest dwarf type obtainable; the plants pkt.
form perfect bouquets of miniature white flow-
ers; splendid for growing in pots and a real gem
for edging; superior to all existing types.
(1/4 lb., \$2.75; \$5.00 per 1/2 lb.) \$0.20 \$0.75

ABUTILON (Flowering Maple)

Choicest Mixed (1/8 oz., \$1.25) \$0.50

ACANTHUS (Bear's Breech)

Latifolius. A stately perennial foliage plant, with
large decorative leaves; 3 feet.15 \$0.50

ACHILLEA (Milfoil or Yarrow)

Ptarmica, fl. pl. "The Pearl." Perennial, flowering
all summer; pure white double flowers; 2 1/2 feet.50 3.00

ACONITUM (Monk's Hood)

Fischeri. An improved strain; compact habit with
bright blue flowers; perennial; 3 feet.50 2.50
Napellus. Perennial; long spikes of blue flowers; 3
feet.30 1.50

ACROCLINIUM (Everlasting)

Excellent for cutting when fresh, or for winter bouquets.

Double Rose Pink.15 .40
Double White.15 .40
Double Mixed.15 .40

ADONIS

**Vernalis.* A choice spring flowering perennial;
large yellow flowers; 1 foot.40 2.50

AGATHEA

Coelestis (Blue Daisy or Marguerite). Greenhouse
perennial, with beautiful blue flowers; 3 feet.25 1.25

AGERATUM (Floss Flower)

Excellent bedding plants; seed should be sown early for good
sized plants for spring sales.

	Trade Pkt.	Oz.	1/4 lb.
<i>*Blue Ball.</i> Very large flowering; dwarf blue. \$0.25	\$1.00		
<i>Blue Perfection.</i> Best dark blue; height, 12 inches; fine for cutting. .... .15	.60	\$2.00	
<i>Imperial Dwarf Blue.</i> Height, 8 inches. .... .15	.50	1.75	
<i>Imperial Dwarf White.</i> Height, 8 inches. .... .15	.50	1.75	
<i>Imperial Dwarf Mixed.</i> .... .15	.40	1.40	
<i>Little Blue Star.</i> Very dwarf; bright blue. .... .40	2.25		

AGROSTEMMA (Mullein Pink)

	Trade	Oz.
<i>Coronaria.</i> Hardy perennial; deep crimson; 2 1/2 feet. \$0.15	\$0.25	
<i>Coronaria Alba.</i> Pure white; 2 1/2 feet. .... .15	.25	

AMARANTHUS

Molten Fire (Summer Poinsettia). Very ornamental
and the most beautiful of all the Amaranthus; very
easily grown from seed; leaves dark bronze, center
poinsettia red. We offer seed from selected plants
only. (1/4 oz., \$1.00) .50

<i>Sunrise.</i> Foliage bronzy crimson, tipped carmine. .... .25	1.25
<i>Tricolor Splendens (Joseph's Coat).</i> Various colors. .... .15	.50
<i>Mixed.</i> .... .15	.25

	Trade	Oz.
<i>Lilac Queen.</i> Dwarf and compact; flowers lilac. \$0.15	\$0.50	
<i>Little Gem.</i> Our strain of this popular sort is quite distinct, very dwarf and compact. (1/4 lb., \$1.50; \$2.75 per 1/2 lb.)	.15	.50

<i>Sweet (Alyssum Benhami).</i> The well-known fra- grant white; trailing. (1/4 lb., 60c.; \$1.00 per 1/2 lb.)	.20
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<i>*Saxatile Compactum.</i> Perennial; golden yellow; excellent for the rockery; 1 foot.20	.75
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AMPELOPSIS

<i>Veitchi (Boston or Japanese Ivy).</i> (1/4 lb., \$0.75)	.15	.25
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ANCHUSA

<i>Blue Bird.</i> A new annual variety; bright indigo blue; dwarf habit.20	.75
<i>Capensis.</i> Blue annual variety. .... .15	.40

<i>*Myosotidiflora.</i> Small Forget-me-not blue flow- ers; fine for rockery; perennial; 15 inches. (1/4 oz., \$2.00)	.75
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<i>Italica, "Dropmore."</i> Perennial; light blue flowers; 3 to 5 feet.15	.50
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ANEMONE (Windflower)

Hardy perennial; excellent for cutting.	
<i>Coronaria.</i> Mixed; 1 foot.25	1.00
<i>St. Brigid.</i> Semi-double; various colors; 1 foot. .... .50	2.50

ANTHEMIS (Hardy Marguerite)

<i>Tinctoria Kelwayi.</i> Daisy-like, bright yellow flowers; 2 feet.25	1.00
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ANTIRRHINUM (Snapdragon)

This fine annual has come very much to the fore in recent years and is very popular for forcing under glass. Our selected strains have proven a paying proposition to florist growers all over the country. We offer the following list of new and selected varieties which we believe to be the cream of the forcing Snapdragons in America.

SPECIAL FORCING VARIETIES

	Trade pkt.
Allman's Pink (<i>Novelty</i>). A decided improvement in the pink class; color is that of the Briarcliff Rose; splendid keeping qualities.....($\frac{1}{2}$ trade pkt., \$1.25)	\$2.00
Afterglow. Golden bronze.....(3 pkts., \$2.50)	1.00
Rose Queen. Dark pink.....(3 pkts., \$2.50)	1.00
Happiness. A super variety; clear pink... (3 pkts., \$2.50)	1.00
Ceylon Court. Canary yellow.....(3 pkts., \$2.50)	1.00
Chapman's Pink. Premier Rose color... (3 pkts., \$2.50)	1.00
Chapman's Yellow.....(3 pkts., \$2.50)	1.00
Cheviot Maid Supreme. An improvement on Cheviot Maid, deeper in color and longer stem.....(3 pkts., \$4.00)	1.50
Cheviot Maid. Clear pink.....(3 pkts., \$2.50)	1.00
Geneva Pink. Glistening rose pink.....($\frac{1}{8}$ oz., \$2.00)	.75
Golden Pink Queen.....($\frac{1}{8}$ oz., \$2.00)	.75
Helen. Lovely salmon color.....(3 pkts., \$2.50)	1.00
Jennie Schneider. True Columbia Rose color ($\frac{1}{8}$ oz., \$2.00)	.75
Judd's Early Dark Pink.....(3 pkts., \$2.50)	1.00
Judd's Early Light Pink.....(3 pkts., \$2.50)	1.00
Keystone. Rose pink.....($\frac{1}{8}$ oz., \$1.00)	.50
Michell's Salmon Pink.....(Oz., \$2.00)	.30
Orlando. Beautiful bronze color.....($\frac{1}{8}$ oz., \$1.00)	.50
Philadelphia Pink. Pure pink.....($\frac{1}{4}$ oz., \$1.00)	.50
Philadelphia Pink (Originators stock)... (6 pkts., \$5.00)	1.00
Roman Gold. Deep golden yellow, suffused pink. ($\frac{1}{8}$ oz., \$2.00).....	.75
Silver Pink (<i>Ramsburg's</i>).....($\frac{1}{8}$ oz., \$1.00)	.50
Improved Sunburst. Color of Sunburst Rose. (3 pkts., \$2.50).....	1.00
White Rock. Extra early, pure white....($\frac{1}{8}$ oz., \$2.00)	.75
Special Forcing Mixed. A choice blending of special forcing varieties.....($\frac{1}{8}$ oz., \$1.00)	.50

MAXIMUM VARIETIES

Extra large flowers on strong stems. These are also forcing varieties. Trade pkt. Oz.

Canary Bird. Canary yellow with golden yellow center.....	\$0.30	\$2.00
Cattleya. Silvery rosy lilac.....	.30	2.00
Copper King (<i>Indian Summer</i>). Coppery scarlet... .30		2.00
Snowflake. Lovely white with yellow throat.....	.30	2.00
Mixed Colors. Maximum varieties.....	.25	1.50

GIANT TALL VARIETIES

Large flowering; spikes 2 to 3 feet in length.

	Trade pkt.	Oz.
Brilliant Rose.....	\$0.20	\$0.75
Crimson King. Rich dazzling crimson.....	.20	.75
Golden King. Golden yellow.....	.20	.75
Harmony. Orange shaded rose.....	.25	1.00
Othello. Rich dark maroon.....	.20	.75
Pink Venus. Flesh pink, white tube.....	.20	.75
Queen Victoria. Pure white.....	.20	.75
Finest Mixed.....	.20	.60

TESTIMONIAL

South Portland, Me.

We have bought seeds from your firm for the past two years, or since we started in the greenhouse business and have found your seeds of the best.

West Broadway Greenhouse.



Antirrhinum, Special Forcing, Roman Gold

SEMI-DWARF VARIETIES

These grow about 18 inches high and are largely used for bedding.

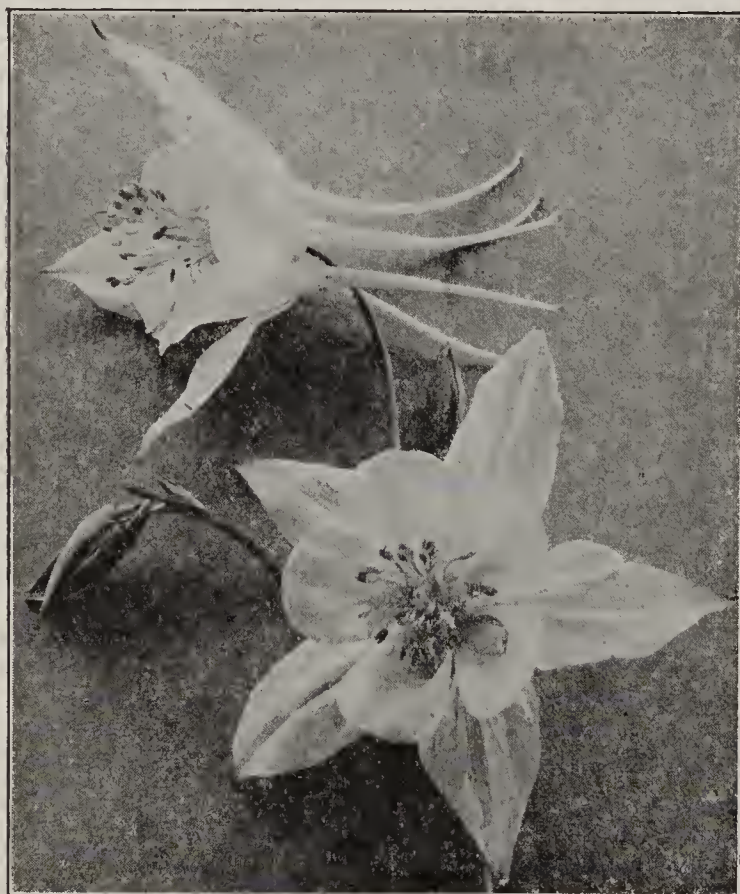
Trade pkt. Oz.

Amber Queen. Canary yellow, overlaid chamois pink.....	\$0.25	\$1.00
Bronze Queen. Bronze shading to orange.....	.30	1.50
Eclipse. Brilliant blood red.....	.40	2.50
Fawn. Pink suffused yellow.....	.25	1.00
Firebrand. Deep red.....	.25	1.00
Gloria. Rich deep rose.....	.30	1.50
Golden Queen. Bright golden yellow.....	.25	1.00
Nelrose. Pure rose pink.....	.25	1.00
Prima Donna. Apricot pink.....	.25	1.00
Purity. Pure white.....	.25	1.00
Mixed.....	.20	.65
Tom Thumb Mixed. 12 inches.....	.20	.75

ANTIRRHINUM

*Rock Hybrids. Very early flowering; the plants are of small compact growth and especially adapted for growing in Rock Gardens. Choice mixed colors. .50 3.00

MICHELL'S "DISTINCTIVE" FLOWER SEEDS



Aquilegia (Columbine) Long Spurred

AQUILEGIA (Columbine)

One of the most popular early flowering hardy perennials and very desirable for cutting.

	Trade pkt.	Oz.
* <i>Alpina</i> . Blue and white; fine for rock gardens; 18 inches.....	\$0.40	\$2.00
<i>Californica Hybrida</i> . Mixed colors.....	.40	2.00
<i>Canadensis</i> . Scarlet and yellow.....	.40	2.00
<i>Chrysantha</i> . Yellow.....	.30	1.50
<i>Coerulea</i> . Blue and white.....	.40	2.00
<i>Nivea Grandiflora</i> . Pure white.....	.25	1.00
<i>Rose Queen</i> . Deep rose.....	.50	3.50
<i>Double Mixed</i>.....	.15	.60
<i>Single Mixed</i>.....	.15	.50

SELECT LONG SPURRED VARIETIES

These are unquestionably the finest types of this splendid garden perennial. Plants are of strong robust growth and very free flowering.

	Trade pkt.	Oz.
<i>Blue Shades</i>	\$0.50	\$3.50
<i>Orange and Scarlet Shades</i>.....	.50	3.50
<i>Pink and Rose Shades</i>.....	.50	3.50
<i>Snow Queen</i> . Pure white.....	.50	3.50
<i>Mrs. Scott Elliot's Select Strain</i> . Choice hybrids.....	.60	4.00
<i>Hybrids</i> . Mixed colors.....	.40	2.00

ARABIS (Rock Cress)

	Trade pkt.	Oz.
* <i>Alpina</i> . Dwarf, spring flowering perennial for edging and rockery; flowers pure white; 1 foot.....	\$0.15	\$0.50
* <i>Alpina Rosea</i> . Bright rose flowers; very dwarf; 8 inches.....	(1/4 oz., \$2.00)	.75

ARCTOTIS (African Lilac Daisy)

<i>Grandis</i> . Large daisy-like flowers, pure white on the upper surface, reverse petals lilac; a good florists' cut flower; 3 feet.....	.15	.50
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ARMERIA (Sea Pink or Thrift)

	Trade pkt.	Oz.
<i>Formosa</i> . A fine edging plant, with deep pink flowers; perennial; 2 feet.....	\$0.25	\$1.00
* <i>Lauchiana</i> . Flowers a bright rosy red; a good perennial rock plant; 6 inches.....	.40	4.00

ASCLEPIAS (Butterfly Weed)

<i>Tuberosa</i> . Showy perennial; brilliant, orange scarlet flowers; 2 feet.....	.50	4.00
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ASPARAGUS PLUMOSUS NANUS

This has been one of our specialties for many years; our seeds are of high germination and will produce extra fine stock.

Greenhouse Grown Seed

100 seeds.....	\$0.40	5,000 seeds.....	\$11.00
1,000 seeds.....	2.50	10,000 seeds.....	20.00

Lathhouse Grown Seed

100 seeds.....	\$0.25	5,000 seeds.....	\$4.00
1,000 seeds.....	1.00	10,000 seeds.....	7.50

ASPARAGUS SPRENGERI

100 seeds.....	\$0.15	5,000 seeds.....	\$4.00
1,000 seeds.....	1.00	10,000 seeds.....	7.50

Larger quantities of Asparagus seed quoted on application.

ASPERULA

	Trade pkt.	Oz.
<i>Odorata (Sweet Woodruff)</i> . Dwarf, hardy perennial with white flowers; 1 foot.....	\$0.20	\$0.75

AUBRIETIA (Rainbow Rock Cress)

* <i>New Large Flowering Hybrids</i> . A lovely Spring flowering perennial rock plant; produces masses of brilliant colored flowers in an excellent mixture...	.50	3.00
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AURICULA (Primula Auricula)

* <i>Choice Mixed</i> . Hardy perennial with flowers of many beautiful colors; 6 inches.....	(1/4 oz., \$2.00)	.50
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BALLOON VINE

<i>Cardiospermum</i> . A very pretty climber.....	(1/4 lb., 50c.)	.15
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BALSAM (Lady Slipper)

	Trade pkt.	Oz.	1/4 lb.
<i>Camellia Flowered Choice Mixed</i>	\$0.15	\$0.40	\$1.50

BALSAM APPLE

<i>Momordica Balsamina</i>15	.30
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BAPTISIA (False Indigo)

	Trade pkt.	Oz.
<i>Australis</i> . Tall showy perennial plants, with spikes of deep blue flowers; 3 to 4 feet.....	\$0.30	\$1.50

BEANS (Flowering and Running)

<i>Scarlet Runner</i> . Per lb., 30c.; 55c. for 2 lbs.	
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BELLIS PERENNIS. See Daisy

BOCCONIA (Plume Poppy)

	Trade pkt.	Oz.
<i>Cordata</i> . Hardy perennial; creamy white flowers; 5 feet.....	\$0.15	\$0.50

BRACHYCOME (Swan River Daisy)

<i>Iberidifolia</i> . Choice mixed; annual; 12 inches.....	.15	.75
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BROWALLIA

<i>Elata Coerulea</i> . Blue; 18 inches.....	.20	.75
<i>Speciosa Major</i> . Most desirable variety as a pot or basket plant; large, rich blue flowers.....	.75	

We wish to emphasize the fact that our Asters are grown for us by specialists, and nearly all varieties under our own supervision. Michell's "Distinctive" Quality is nowhere more prominent than with our Asters, and we can recommend them with the utmost confidence to produce the very best results. Our seed is grown from plants which are free from disease.

SPECIAL NOTE.—In growing Asters, old soil and flats should never be used the second time without thoroughly sterilizing, to avoid the numerous diseases to which Asters are so susceptible; barnyard manure should never be employed as a fertilizer; we recommend the use of finely ground bone meal. Asters should not be grown in the same location two years in succession.

FUSARIUM WILT RESISTANT STRAINS

We take pleasure in offering the following varieties of Wilt Resistant Asters. These we believe to be practically immune to this disease. We feel sure that by using this seed many disappointments due to crop failures will be eliminated.

Improved Queen of the Market. Crimson, Dark Blue.

Early Royal. Azure Blue, Purple, Rose Pink.

Improved Crego. White, Deep Rose, Shell Pink, Violet.

Simple's Branching. Azure Blue, Deep Rose, Shell Pink, White.

Heart of France. Ruby red.

Any of the above varieties, 50c. per trade pkt.; per oz., \$2.00.

NEW GIANT PEONY FLOWERED

This is an exceptionally fine strain; the flowers are of immense size, very double and borne on long stout stems, quite free from laterals. They are good shippers and keep longer after cutting than any other aster.

Trade pkt. Oz.

Azure Fairy. Clear azure blue.....\$0.50 \$2.50

Maiden's Blush. Delicate flesh color..... .50 2.50

Swansdown. Pure white..... .50 2.50

MICHELL'S LITTLE BEAUTY

A wonderful new dwarf type, especially adapted for growing in pots; very compact habit, with numerous double flowers; height, 14 inches.

Trade pkt. Oz.

Crimson.....\$0.50 \$2.50

Dark Blue..... .50 2.50

Rose..... .50 2.50

Trade pkt. Oz.

White.....\$0.50 \$2.50

**White with
Rose Center.** .50 2.50

Mixed..... .50 2.50



American Beauty Aster

AMERICAN BEAUTY

Similar in type of flower and growth to the late Branching Aster; plants grow about 2 to 3 feet high. Commences to bloom in September, continuing until frost; large double flowers on long heavy stems.

Trade pkt. Oz.

Azure Fairy.....\$0.30 \$1.50

Carmin Rose..... .30 1.50

Crimson..... .30 1.50

Trade pkt. Oz.

Purple.....\$0.30 \$1.50

Shell Pink..... .30 1.50

White..... .30 1.50

Mixed..... .25 1.25

BALL'S WHITE

A medium type, coming into flower between Royal and Late Branching; grows about 2 feet high, with full centered blossoms; ideal for shipping. Trade pkt., 40c.; \$2.00 per oz.

BOLTZE'S DWARF BOUQUET

A splendid dwarf form of Aster, each plant forming a neat bouquet; most suitable for pot culture.

Trade pkt. Oz.

Finest Mixed Colors.....\$0.30 \$1.50

CALIFORNIA GIANT

A splendid variety with flowers of the Crego type and with the habit of growth and long stems of the Beauty type. The large flowers stand up well when shipped as cut flowers; very attractive when arranged in floral work.

Trade pkt. Oz.

Dark Purple.....\$0.50 \$2.50

Deep Rose..... .50 2.50

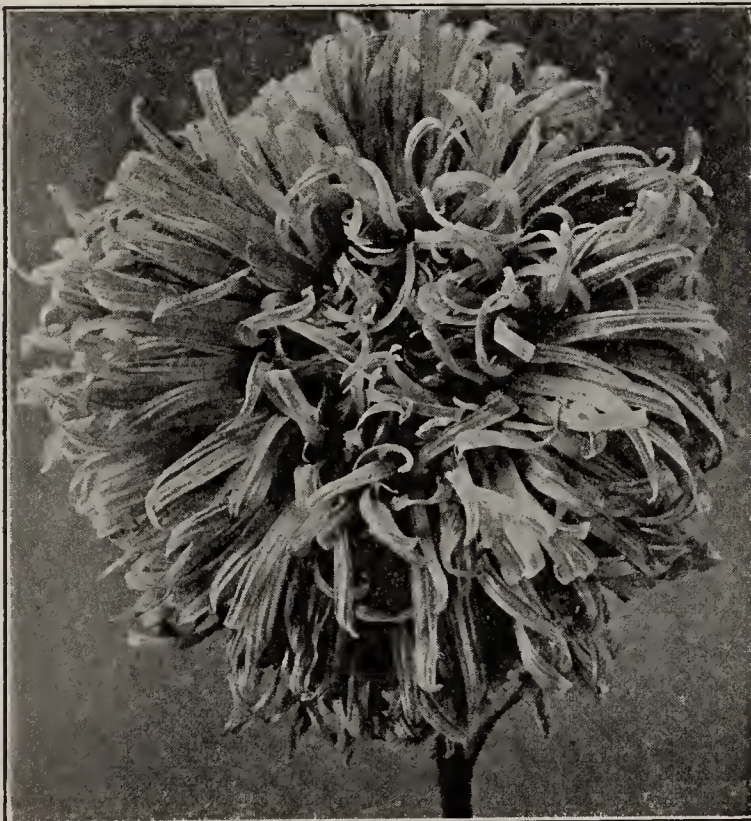
Light Blue..... .50 2.50

Trade pkt. Oz.

Peach Blossom.....\$0.50 \$2.50

White..... .50 2.50

Mixed..... .40 2.25



Aster, California Giant

MICHELL'S SUPERB ASTERS

CREGO'S GIANT COMET

Flowers gigantic in size, often 5 inches across and with long stout stems averaging 15 inches in length. The twisted and curled petals give the flower the appearance of a huge Chrysanthemum.

	Trade pkt.	Oz.		Trade pkt.	Oz.
Azure Blue.....	\$0.30	\$1.25	Rose Pink.....	\$0.30	\$1.25
Crimson.....	.30	1.25	Shell Pink.....	.30	1.25
Lavender.....	.30	1.25	White.....	.30	1.25
Purple.....	.30	1.25	Mixed.....	.25	1.00

HEART OF FRANCE

Flowers of large size and full to the center; opens ruby red, deepening with age; plants are of branching type and very robust. Trade pkt., 30c.; \$1.50 per oz.

KING

Plants of strong, sturdy habit, fully 18 inches high; flowers of large size and with long, narrow petals. Excellent for cutting.

	Trade pkt.	Oz.
Choice Mixed.....	\$0.25	\$1.00

MICHELL'S PINK SUPERB

The flowers are of immense size, petals long and broad, those in the center lie curled and incurved, completely covering the crown; color, shell pink. An excellent sort for cutting. Trade pkt., 40c.; \$2.00 per oz.



Aster, Improved Semple's Branching

MICHELL'S IMPROVED SEMPLE'S BRANCHING

The finest late blooming Aster; large double flowers on long, strong stems; the attractive form of flowers make it one of the most valuable varieties for cutting. Our Improved Strain has been secured after many years of careful selection.

	Trade pkt.	Oz.		Trade pkt.	Oz.
Crimson.....	\$0.25	\$1.25	Purple.....	\$0.25	\$1.25
Deep Rose.....	.25	1.25	Shell Pink.....	.25	1.25
Lavender.....	.25	1.25	White.....	.25	1.25
Lavender Pink....	.25	1.25	Mixed.....	.25	1.00

Testimonial

Wappingers Falls, N. Y.

The Improved Semple's Branching Aster seed I purchased from you cleaned up everything in Dutchess County. Mine were entered against all the private and commercial places and took First Prize without an effort.

J. J. S.



Giant California Sunshine Aster

SINGLE GIANT CALIFORNIA SUNSHINE

The plants of this new race grow 3 feet high and bear blossoms on long stems, making them fine for cutting; the individual blooms are enormous, being 4 to 5 inches across. In color, the dual-tone effect is wonderful, with the disk a lovely light yellow and the encircling guard petals in varying shades of apple blossom, deep rose, blue and lavender, producing most beautiful color contrasts. We offer seed in mixed colors only. Trade pkt., 50c.; \$3.50 per oz.

QUEEN OF THE MARKET

(Extra Early)

This well-known early flowering variety is of branching habit, bearing large flowers on long stems; commences to bloom in July.

	Trade pkt.	Oz.		Trade pkt.	Oz.
Blush Pink.....	\$0.25	\$1.00	Rose Pink.....	\$0.25	\$1.00
Crimson.....	.25	1.00	White.....	.25	1.00
Dark Blue.....	.25	1.00	Mixed.....	.25	1.00
Light Blue.....	.25	1.00			

ROYAL BRANCHING

One of the best Asters; of branching habit and producing large flowers; has all the good qualities of the late Branching type and comes into bloom shortly after Queen of the Market.

	Trade pkt.	Oz.		Trade pkt.	Oz.
Lavender.....	\$0.30	\$1.50	Shell Pink.....	\$0.30	\$1.50
Purple.....	.30	1.50	White.....	.30	1.50
Rose Pink.....	.30	1.50	Mixed.....	.30	1.25

PERENNIAL ASTER (Michaelmas Daisy)

	Trade pkt.	Oz.
Choice Mixed Colors. 3 feet.....	\$0.40	\$2.00

ASTER ALPINUS

	Trade pkt.	Oz.
*Alpinus. Purple with large yellow center; 1 foot...	\$0.40	\$2.00
*Alpinus Albus. White with large yellow center; 1 foot.....	.40	2.00
Both of the above varieties are excellent for the perennial rock garden.		



Begonia Semperflorens, "Darling"

BEGONIA SEMPERFLORENS

As a bedding plant there is nothing more satisfactory; also excellent for pot plants. Seeds sown in January make splendid flowering plants in May.

LATEST NOVELTY

BEGONIA "DARLING"

This novelty of one of the best known German growers we cannot recommend too highly. The plants are of ball shape and dwarf habit, growing approximately 8 inches high; flowers are large and of a very brilliant carmine rose; this variety is most effective for beds and borders and is also well adapted for growing in pots. (*Originator's stock.*) Half trade pkt., 85c.; \$1.50 per trade pkt.

	Trade	pkt.	Oz.
Glow (<i>Novelty</i>). One of the newer introductions and a big favorite in Europe. The flowers are dark red; foliage deep bronze; very free blooming; very compact growth; height about 10 inches. Originator's stock.....($\frac{1}{32}$ oz., \$2.50)	\$0.75		
Albert Martin . Bright carmine.....($\frac{1}{32}$ oz., \$1.00)	.50		
Christmas Cheer . A splendid variety for growing in pots; bright, crimson scarlet; fine for Christmas forcing.....($\frac{1}{32}$ oz., \$2.50)	.75		
Erfordia . Pink.....($\frac{1}{32}$ oz., \$1.00)	.50		
Glory of Erfurt (<i>Improved</i>). Large rosy carmine.....($\frac{1}{32}$ oz., \$3.00)	1.00		
Gustav Knaake . Large flowering pink, with salmon shadings; splendid for pot culture...($\frac{1}{32}$ oz., \$1.50)	.50		
Salmon Queen . Salmon red.....($\frac{1}{32}$ oz., \$1.50)	.50		
Vernon . Deep red.....($\frac{1}{16}$ oz., 50c.)	.30		
Choice Mixed.....	.30	\$3.50	

BEGONIA GRACILIS

This type produces very compact little plants that are literally covered with flowers; an easy seller.

	Trade	pkt.
Alba . Pure white.....($\frac{1}{32}$ oz., 50c.)	\$0.25	
Luminosa . Fiery dark scarlet.....($\frac{1}{32}$ oz., \$1.50)	.50	
Prima Donna . Rose, shading to carmine.....($\frac{1}{32}$ oz., \$1.50)	.50	
Rosea . Pink.....($\frac{1}{32}$ oz., 50c.)	.25	

BEGONIA, TUBEROUS ROOTED

These are easily raised from seed, produce enormous flowers and are excellent for bedding, window boxes or pot culture.

	Trade	pkt.
Single Mixed.....($\frac{1}{32}$ oz., \$3.00)	\$1.00	
Double Mixed.....($\frac{1}{64}$ oz., 5.00)	1.00	

CALCEOLARIA

A most decorative pot plant, which finds ready sale if well grown. The strains we offer cannot be excelled.

$\frac{1}{2}$ trade Pkt. Trade Pkt.

Albert Kent Hybrids . A splendid English variety for either greenhouse culture or outdoors; flowers medium in size and produced in large graceful clusters in an excellent mixture ($\frac{1}{4}$ oz., \$5.00)	\$1.25	
Hybrida Grandiflora . Choice mixed..($\frac{1}{32}$ oz., \$4.00)	\$0.60	1.00
Hybrida Grandiflora Compacta....($\frac{1}{32}$ oz., \$4.00)	.60	1.00
Rugosa . Mixed colors.....	.60	1.00

CALLIOPSIS

ANNUAL VARIETIES

	Trade	pkt.	Oz.
Golden Wave (<i>Drummondii</i>). Golden yellow.....	\$0.15	\$0.30	
Choice Mixed.....	.15	.25	

CALENDULA (Pot Marigold)

Raised extensively as a pot plant or for bedding; also for cutting. Trade pkt. Oz.

Campfire (<i>Sensation</i>). A splendid new forcing type; color, brilliant orange with scarlet sheen; full yellow center.....($\frac{1}{4}$ oz., 60c.)	\$0.40	\$2.00
Radio . A distinct new break; flowers full, petals quilled; rich glowing orange.....($\frac{1}{4}$ lb., \$3.50)	.25	1.00
Michell's Special Forcing, Orange . We have an extra fine strain of this forcing variety; large, orange yellow flowers. ($\frac{1}{4}$ lb., \$3.50; \$6.50 per $\frac{1}{2}$ lb.)	.30	1.00
Ball's Gold . An extra long stemmed, deep golden yellow.....($\frac{1}{4}$ oz., 60c.; \$7.00 per $\frac{1}{4}$ lb.)	.40	2.00
Ball's Orange . Large, double glowing orange flowers on long stems....($\frac{1}{4}$ oz., 60c.; \$7.00 per $\frac{1}{4}$ lb.)	.40	2.00
Ball's Supreme . Cadmium orange, dark brown center.....($\frac{1}{4}$ oz., 70c.)	.50	2.50
Lemon King . Lemon yellow..($\frac{1}{4}$ lb., 60c.; \$1.00 per $\frac{1}{2}$ lb.)	.15	.25
Orange King . Rich dark orange..($\frac{1}{4}$ lb., 60c.; \$1.00 per $\frac{1}{2}$ lb.)	.15	.25
Pure Gold . Golden yellow..($\frac{1}{4}$ lb., 60c.; \$1.00 per $\frac{1}{2}$ lb.)	.15	.25
Mixed.....($\frac{1}{4}$ lb., 60c.; \$1.00 per $\frac{1}{2}$ lb.)	.20	



Calendula, Campfire (Sensation)

CAMPANULA (Canterbury Bells)

NEW ANNUAL SINGLE

A new annual Canterbury Bell which blooms from seed in less than six months. The plants grow from 2 to 2½ feet high and each plant produces from 6 to 8 spikes of bloom. Originator's stock seed in a selected mixture only. Trade pkt., 75c.; \$2.00 per ¼ oz.

CAMPANULA MEDIUM (Canterbury Bells)
(Biennial)

	Trade pkt.	Oz.
Medium Calycanthema (<i>Cup and Saucer</i>). Blue.	\$0.30	\$1.50
" " Lilac.	.30	1.50
" " Pink.	.30	1.50
" " White.	.30	1.50
" " Mixed.	.25	1.25
" Single Blue.	.15	.50
" " Pink.	.15	.50
" " White.	.15	.50
" " Mixed.	.15	.40
" Double Blue.	.30	1.50
" " Pink.	.30	1.50
" " White.	.30	1.50
" " Mixed.	.25	1.00

CAMPANULA (Bell Flower)

The taller sorts are splendid for cut flowers and most decorative; the dwarf sorts make excellent border plants.

	Trade pkt.	Oz.
* <i>Carpatica Blue</i> (<i>Carpathian Hare Bell</i>). Dwarf; 6 inches.	\$0.25	\$1.00
* <i>Carpatica Alba</i> . White; 6 inches.	.25	1.00
<i>Latifolia Macrantha</i> . Large, purplish blue; 2 feet.	.40	2.00
<i>Persicifolia Grandiflora Blue</i> (<i>Peach Bells</i>). Grows 3 to 4 feet high and produces large bell-shaped flowers.	.40	2.00
<i>Persicifolia Grandiflora Alba</i> . White.	.40	2.00
<i>Pyramidalis</i> (<i>Chimney Bell Flower</i>). Blue and white mixed; 4 to 6 feet.	.25	1.00

CANARY BIRD VINE

<i>Tropaeolum Canariense</i> . Flowers bright canary yellow; a fine climber for shade.	(¼ lb., 75c.)	.25
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CARNATION (Annual Varieties)

The Chabaud and Marguerite varieties bloom early in summer and continue until frost. Excellent for cutting.

Rasse Teicher. A new annual European variety, producing extraordinary large blooms, in a fine range of colors; excellent for cutting; choice mixture. Trade pkt., 75c.; \$1.50 per ⅛ oz.

	Trade pkt.	Oz.
Chabaud's Everblooming, Jeane Dionis. White.	\$0.40	\$2.00
" " Sparkler. Cardinal red.	.40	2.00
" " The Pearl. Rose pink.	.40	2.00
" " Choice Mixed.	.30	1.25
Marguerite Choice Mixed.	.25	1.25

CARNATION (Perennial Varieties)

The Grenadin carnation is a splendid early blooming, large flowering type; fine for cut flowers.

	Trade pkt.	Oz.
Grenadin Black King. A fine dark red.	\$0.50	\$3.00
" Cardinal. Brilliant scarlet.	.50	3.00
" Triumph Pink. Pure rose pink.	.50	3.00
" White. Snow white.	.50	3.00
" White Gold. Beautiful soft yellow.	.50	3.00
" Mixed.	.40	2.00
Double Border. Dwarf fine mixed.	.30	1.25
Early Vienna Mixed.	.30	1.50



Candytuft, Michell's Giant White

CANDYTUFT (Iberls)

Splendid edging plants and also valuable for cutting.

**Miniature Gem* (*Hyacinth Flowered Type*). A dainty miniature variety, 3½ inches in height, each plant producing from 4 to 6 spikes. A perfect "miniature gem" for the rock garden. Originator's stock. Trade pkt., 50c.; \$2.50 per oz.

	Trade pkt.	Oz.	¼ lb.
Carmine.	(½ lb., \$1.75)	\$0.15	\$0.30
Crimson.	(½ lb., \$1.75)	.15	.30
Empress, or Hyacinth Flow- ered. Large white.	(½ lb., \$1.75; \$3.25 per lb.)	.15	.30
Lavender.	(½ lb., \$1.75)	.15	.30

Michell's Giant White. This giant variety which produces immense pure white spikes of bloom is a very much superior strain; the individual bracts are large and the plants of strong, robust habit; this is the best strain for forcing under glass for cutting and for pot culture. Trade pkt., 20c.; 75c. per oz.; ¼ lb., \$2.25; \$4.00 per ½ lb.; lb., \$7.50.

	Trade pkt.	Oz.	¼ lb.
Pink. Flesh color.	(½ lb., \$1.75)	\$0.15	\$0.30
Purple.	(½ lb., \$1.75)	.15	.30
Rose Cardinal. Brilliant rosy red.	(½ lb., \$2.50)	.15	.50
Mixed. All colors.	(Lb., \$2.25)	.15	.25
Gibraltarica. Perennial; lilac, shading to white.		.25	1.00
Sempervirens. Perennial; fine for edging borders; flowers white.		.40	2.50

CANNA (Indian Shot)

If sown early, seedlings will bloom in June.

Crozy's Dwarf Mixed. From the finest sorts.	.20	.60
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CARDINAL CLIMBER

	Trade pkt.	Oz.
<i>Ipomoea Quamoclit Hybrida</i> . Rapid growing annual climber, bearing a profusion of cardinal red flowers. In order to have good germination, a small notch should be filed or cut in each seed.	\$0.20	\$0.75

CINERARIA MULTIFLORA

GRANDIFLORA MAXIMA

This new Hybrid is a cross between Multiflora Nana and Grandiflora; individual florets measure 2 to 3 inches in diameter and are produced in quantities of 100 blooms and over to the plant. We offer it in mixed colors only.

Half trade pkt., 85c.; \$1.50 per trade pkt.; $\frac{1}{32}$ oz., \$5.00.

CINERARIA, Multiflora Nana

(Potsdam and Berlin Market Strain)

Very dwarf and compact; flowers of large size, produced in great profusion and in a range of splendid colors.

	$\frac{1}{2}$ trade Pkt.	Trade Pkt.
Azure Blue.....	\$0.75	\$1.25
Dark Blue.....	.75	1.25
Dark Red.....	.75	1.25
Rose.....	.75	1.25
Mixed Colors.....($\frac{1}{32}$ oz., \$2.50)	.60	1.00



Cineraria "Weissenseer" (White Sea)

CINERARIA, GRANDIFLORA PRIZE

Our Grandiflora Prize Strain produces immense trusses of large flowers, often measuring 4 inches across and make exceedingly decorative pot plants.

	$\frac{1}{2}$ trade Pkt.	Trade Pkt.
Dwarf. Mixed colors.....($\frac{1}{32}$ oz., \$2.50)	\$0.60	\$1.00
Medium Tall. Mixed colors.($\frac{1}{32}$ oz., \$2.50)	.60	1.00
Matador. Large flowering scarlet.....	.60	1.00
Stellata Hybrida. Tall, mixed colors. ($\frac{1}{32}$ oz., \$1.25)		.50

CINERARIA (Dusty Miller)

	Trade pkt.	Oz.
Maritima Candidissima. White leaved; much in demand for bedding, vases, baskets, etc.....	\$0.15	\$0.40

NOVELTY CINERARIA

"WEISSENSEER" (White Sea)

A New Multiflora Variety

A new variety with flowers almost twice as large as the regular Multiflora Nana strain. In color, a splendid range of blue, rose and red shades, with each individual flower having a decided white zone center. The plant is small-leaved and of dwarf habit; a distinct variety and a most attractive pot plant. Originator's stock seed only.

Half trade pkt., \$1.00; \$1.75 per trade pkt.; $\frac{1}{32}$ oz., \$6.00.

CELOSIA

CRISTATA OR COCKSCOMB VARIETIES

These are in demand for beds and borders, also for pots.

	Trade pkt.	Oz.
Giant Empress. Dwarf; bright crimson; dark foliage.	\$0.40	\$2.00
Glasgow Prize. Dwarf; dark crimson.....	.40	2.00
Choice Mixed. Dwarf sorts.....	.25	1.00

PLUMOSA OR FEATHERED VARIETIES

A splendid decorative plant for the garden; also excellent for cutting.

	Trade pkt.	Oz.
Heatherdell (New Ostrich Plume). A fine new variety with great trusses of beautifully feathered and inter-laced plumes, in a fine range of red, pink and yellow shades mixed; especially adapted for pot culture. ($\frac{1}{8}$ oz., \$1.50)	\$0.75	
Childsii (Chinese Woolflower). Large, ball-shaped crimson flowers resembling silky wool.....	.30	\$1.50
Childsii, Pink. Flowers delicate pink.....	.30	1.50
Chrysantheflora. Plants half dwarf, with immense heads of flowers in a great variety of colors, including salmon, pink and bronze.....	.40	2.50
Golden Plume. Deep golden yellow.....	.15	.50
Pride of Castle Gould. Mixed colors.....	.50	3.50
Scarlet.....	.15	.60
Rosea. Bright rose.....	.15	.60
Thompson's Superb. Crimson.....	.15	.60
Choice Mixed.....	.15	.50

CENTAUREA

CENTAUREA CYANUS (Cornflower)

Free flowering annuals; very popular for cutting.

	Trade pkt.	Oz.
Double Blue. Splendid for forcing. ($\frac{1}{4}$ lb., \$1.25; \$4.25 per lb.)	\$0.15	\$0.40
" Rose Pink.....($\frac{1}{4}$ lb., 1.25; 4.25 per lb.)	.15	.40
" Rosy Red.....($\frac{1}{4}$ lb., 1.25; 4.25 per lb.)	.15	.40
" White.....($\frac{1}{4}$ lb., 1.25; 4.25 per lb.)	.15	.40
" Mixed.....($\frac{1}{4}$ lb., .75; 2.50 per lb.)	.15	.25

CENTAUREA IMPERIALIS

Giant Cornflower, or Sweet Sultan

Large sweet scented flowers; fine for cutting.

	Trade pkt.	Oz.	$\frac{1}{4}$ lb.
Brilliant Pink.....	\$0.20	\$0.60	\$2.00
Deep Rose.....	.20	.60	2.00
Lavender.....	.20	.60	2.00
Lilac.....	.20	.60	2.00
Purple.....	.20	.60	2.00
White.....	.20	.60	2.00
Choice Mixed.....	.15	.50	1.50

WHITE LEAVED CENTAUREAS (Dusty Miller)

Excellent for borders, vases, baskets, etc.

	Trade pkt.	Oz.
Candidissima. Broad cut silvery gray foliage.....	\$0.30	\$1.50
Gymnocarpa. Fine cut silvery foliage.....	.15	.50

VARIOUS CENTAUREAS

Americana. Handsome large flowers; lilac purple..	.15	.50
Suaveolens. Large yellow.....	.15	.50
Montana (Hardy Cornflower). Violet blue; 2 feet..	.20	.75

CERASTIUM (Snow in Summer)

*Tomentosum. Dwarf perennial plant for edgings and rockeries; silvery foliage, white flowers; 1 foot..	.30	1.25
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CHEIRANTHUS

**Allionii* (*Siberian Wallflower*). A biennial but best treated as an annual; spikes of brilliant orange flowers; very effective in the rockery.....\$0.20 \$0.60

CHELONE

Hardy perennial; very showy bedding plant; fine for cutting.

Trade pkt. Oz.
Hybrida Torreyi. Brilliant scarlet; 4 feet.....\$0.25 \$0.80
Hybrida Mixed. Various colors; 4 feet......25 .80

CHRYSANTHEMUM**ANNUAL VARIETIES**

The following single sorts are of very easy culture and splendid for cutting.

Trade pkt. Oz.
Eastern Star. Primrose, brown eye.....\$0.15 \$0.40
Evening Star. Rich golden yellow......15 .40
Morning Star. Canary yellow......15 .40
Northern Star. Giant white, yellow eye......15 .40
Single Mixed......15 .25
Double Mixed......15 .25

PERENNIAL VARIETIES

Geisha (*Cascade or Japanese Balcony*). This splendid variety makes good pot plants and is also suitable for hanging baskets and porch boxes. They produce masses of single flowers in many delicate shades of pink, rose, yellow and white and are excellent for cut flower purposes. Seed sown in March will flower in September and October. Mixed colors only. Trade pkt., 75c.; \$1.50 per 1/8 oz.

Trade pkt. Oz.
Colossal Queen (*Single Daisy*). Giant pure white...\$0.25 \$2.50
Early Flowering, Double and Semi-double Mixed.
 This can also be treated as an annual, blooming the first year from seed......50 5.00
Japanese Hybrids. Autumn flowering; mixed colors......50 5.00
King Edward VII. Extra large; pure white......20 .60
Shasta Daisy "Alaska". Pure white; extra large flowers; excellent for cutting......25 1.50

CINERARIA. See page 13**CLARKIA ELEGANS**

A popular annual of easy growth; much used for cutting, both indoors and out.

Trade pkt. Oz.
Double Purple Prince. Rich purple.....\$0.20 \$0.60
 " *Salmon Queen*. Brilliant salmon, one of the best......20 .60
 " *Scarlet Queen*. Fiery scarlet......20 .60
 " *Vesuvius*. Orange scarlet......20 .60
 " *White*......20 .60
 " *Mixed*......15 .50
Single Mixed......15 .40

CLEMATIS

Paniculata. A very popular hardy climber. The white, star-shaped flowers come in masses of bloom in September. Sow seed in the Autumn and leave outdoors over winter.....(1/4 lb., \$1.50) .15 .50

CLEOME (Giant Spider Plant)

Pungens. Rose-colored flowers......15 .40

COBEA SCANDENS (Cup and Saucer Vine)

There is always a good demand for this popular climber. Seeds should be placed edgewise to insure good germination.

Trade pkt. Oz.
Purple.....(1/4 lb., \$1.25)\$0.15 \$0.50
White......20 .75

COLEUS**LARGE LEAVED VARIETIES**

Rainbow Mixture. An excellent mixture......75 6.00
Choice Mixed......50 4.50

COLUMBINE. See Aquilegia

Michell's Giant Flowering Cosmos

COSMOS**Early Flowering**

This strain will begin blooming as early as July and continue until frost. The new double-flowering strains have become very popular with the florists for cutting.

Trade pkt. Oz.
Extra Early Express Pink. An early dwarf variety; height, 2 to 3 feet; blooms in 45 to 50 days after sowing the seed; plants are covered with medium sized, bright pink flowers.....\$0.25 \$1.00
Extra Early Express Mixed......25 1.00
Large Early Flowering, Crimson......15 .40
 " " " *Pink*......15 .40
 " " " *White*......15 .40
 " " " *Mixed*......15 .30
Double Early Flowering, Crimson......40 2.25
 " " " *Pink*......40 2.25
 " " " *White*......40 2.25
 " " " *Mixed*......30 1.75

Late Flowering

Double Crested, Crimson......30 1.25
 " " *Pink Beauty*......30 1.25
 " " *White Queen*......30 1.25
 " " *Mixed*......25 1.00
Giant Flowering, Crimson......15 .30
 " " *Pink*......15 .30
 " " *White*......15 .30
 " " *Mixed*......15 .25
Klondyke. Yellow......20 .75
Lady Lenox. Immense flowers; color, shell pink... .15 .30
White Lady. A pure white variety of large size.... .15 .30

CONVOLVULUS (Morning Glory)**Major or Tall Varieties**

Oz. 1/4 lb.
Japanese Imperial. Mixed.....\$0.15 \$0.50
Japanese Imperial Fringed. Mixed......20 .60
Mixed. Ordinary variety.....(Lb., 75c.) .10 .20

We offer seed from the two most celebrated and widely known Cyclamen seed growers in Germany. These strains are known the world over as the outstanding Giant Flowering varieties. They are winners in all the large European and American Flower Shows and we feel sure that a trial will convince you of the excellence of these strains. The seed bearing plants are of the very highest type, of robust habit, large blooms and with well marked foliage. This stock is offered in original packets.

BINNEWEIS STRAIN

	100 Seeds	1000 Seeds	5000 Seeds		100 Seeds	1000 Seeds	5000 Seeds
Orange Beauty (<i>Novelty</i>). Orange vermillion.	\$2.25	\$15.50	\$73.75	No. 10. Glory of Wandsbek. Salmon red..	\$1.50	\$10.50	\$48.75
No. 1. Dark Blood Red.....	1.25	9.00	41.25	No. 11. Rose of Zehlendorf. Salmon pink.	1.50	10.50	48.75
No. 2. Bright Red.....	1.25	9.00	41.25	No. 12. Salmon Purple.....	1.50	10.50	48.75
No. 3. Rose of Marienthal. Bright pink..	1.25	9.00	41.25	No. 16. Safranin Red.....	2.00	14.00	66.25
No. 5. White with Carmine Eye.....	1.25	9.00	41.25	No. 18. Mozart (<i>Novelty</i>). Deep pink.....	2.25	15.50	73.75
No. 6. Pure white.....	1.25	9.00	41.25	No. 19. Lavender. Bright lavender.....	1.50	10.50	48.75
No. 7. Bonfire (<i>Novelty</i>). Brilliant scarlet...	1.75	13.00	61.25	Mixed Colors.....	1.25	9.00	41.25
No. 8. Salmon Scarlet (<i>Improved America</i>)..	1.75	13.00	61.25	Rokoko Mixed. Large flowers, beautifully			
No. 9. Improved Salmon Rose.....	1.75	13.00	61.25	fringed.....	1.75	13.00	61.25

FERD. FISCHER'S STRAIN

	100 Seeds	1000 Seeds	5000 Seeds		100 Seeds	1000 Seeds	5000 Seeds
Glowing Dark Red. Christmas red.....	\$1.25	\$9.00	\$41.25	Glory of Wandsbek. Salmon red.....	\$1.50	\$10.50	\$48.75
Glowing Bright Red. Cherry red.....	1.25	9.00	41.25	Improved Rose of Zehlendorf.....	1.50	10.50	48.75
Rose of Marienthal. Bright rose.....	1.25	9.00	41.25	Bonfire. Brilliant salmon.....	2.00	14.00	66.25
Pure White.....	1.25	9.00	41.25	America. Golden salmon.....	2.00	14.00	66.25
White with Carmine Eye.....	1.25	9.00	41.25				



Double Flowering Coreopsis

COREOPSIS

A splendid hardy perennial and excellent for cutting.

	Trade pkt.	Oz.
Lanceolata Grandiflora. Large golden yellow....	\$0.15	\$0.30
Lanceolata Grandiflora Fl. Pl. (<i>Double Flowering</i> <i>Coreopsis</i>). Similar in habit to the above, with double and semi-double flowers.....	.25	1.00

CORNFLOWER. See Centaurea

COWSLIP. See Primula Veris

CUPHEA (Cigar Plant)

	Trade pkt.
Platycentra. Scarlet.....	(1/8 oz., \$1.25) \$0.50

CYNOGLOSSUM (Chinese Forget-me-not)

	Trade pkt.	Oz.
Amabile. An excellent annual, producing rich Forget-me-not blue flowers; 2 feet.....	\$0.15	\$0.50

CYPERUS

Alternifolius (<i>Umbrella Plant</i>).....	.30	1.25
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CYPRESS VINE (Ipomoea Quamoclit)

	Trade pkt.	Oz.
Mixed.....	\$0.15	\$0.25

DAHLIA

Easily grown from seed and very popular for cutting.

	Trade pkt.	Oz.
Unwin's Dwarf Hybrids Mixed (<i>Novelty</i>). Minia- ture, early flowering semi-double hybrids, 18 to 24 inches high, in a wide range of charming colors; splendid for bedding; require no stakes and may be planted 18 to 20 inches apart.....	\$0.75	\$4.00
Double California Giants. A selection from named varieties, grown by a celebrated producer in Cali- fornia.....	1.00	6.50
Double Cactus. All colors mixed.....	.50	3.00
Double Large Flowering. Show type; mixed.....	.40	2.00
Coltness Scarlet Gem. Dwarf bedding type; bright scarlet, single flowers.....	.75	4.00
Coltness Hybrids. Dwarf single type; very free flowering; height 2 feet; choice mixed colors.....	.50	2.50
Pompon. A choice mixture from 15 leading and distinct varieties.....	.75	4.50
Single Giant Perfection. Mixed.....	.20	.75

DAISY, ENGLISH DOUBLE (Bellis Perennials)

The Monstrosa varieties surpass all other strains in their strong robust growth and extra large double flowers; perennials; 6 inches.

	Trade pkt.	Oz.
*Monstrosa Etna. Dark red.....	\$0.50	\$2.50
*Monstrosa Pink.....	.40	2.00
*Monstrosa White.....	.40	2.00
*Monstrosa Mixed.....	.40	2.00
*Double Mixed. A fine mixture.....	.30	1.50



Delphinium, English Hollyhock

DELPHINIUM (Perennial Larkspur)

One of the most popular perennials; excellent for cutting.

English Hollyhock (Watkin Samuels' Wrexham Strain). The finest large flowered type to date; immense spikes.

	Trade pkt.	Oz.
Art Shades.....	(1/4 oz., \$2.25)	\$1.00
Deep Blue Shades.....	(1/4 oz., 2.25)	1.00
Light Blue Shades.....	(1/4 oz., 2.25)	1.00
Selected Mixture.....		.75 \$6.00
Blackmore and Langdon's. A new improved type of this splendid English variety; plants are of strong, vigorous growth and produce immense spikes of large flowers; every describable shade of blue is in this mixture.....		
		.75 5.00

Trade pkt. Oz.

Iceberg. A new pure white variety, which comes true from seed; a strong, healthy grower, producing 4 foot spikes. A decided novelty and well worth growing..... (1/8 oz., \$2.00) \$0.75**Belladonna Improved (Cliveden Beauty).** A very select strain; color, turquoise blue..... .50 \$3.00**Belladonna.** Light turquoise blue... (1/4 lb., \$7.00) .40 2.00**Bellamosum.** A dark blue type of the Belladonna. (1/4 lb., \$7.00) .40 2.00**Cardinale.** Large flowers of a brilliant scarlet color.. .50 3.00**Chinense Grandiflorum.** Dwarf; blue; 3 feet.... .20 .75**Chinense Grandiflorum Album.** Dwarf; white.. .20 .75**Michell's Gold Medal Hybrids.** A fine strain; long spikes of large flowers..... (1/4 lb., \$3.50) .25 1.00

	Trade pkt.	Oz.
Blue Butterfly. An annual variety, with deep blue flowers.....	\$0.25	\$1.00
White Butterfly. Annual variety.....	.25	1.00

DIANTHUS (Pinks)**DIANTHUS. Sweet Wivelsfield**

A new annual hybrid variety; a cross between Dianthus Alwoodi and Sweet William. Seed started indoors in January and planted out in April will commence to flower in May, blooming profusely all summer in a great variation of colors. Trade pkt., 40c.; \$2.00 per oz.

Double Annual Pinks

Trade pkt. Oz.

* Chinensis, Tom Thumb, Brilliant. Double scarlet; a very beautiful little edging or border plant which should be better known; a perfect gem for the rock garden.....	\$0.40	\$2.00
Chinensis (China or India Pink). Mixed. (1/4 lb., \$1.40)	.15	.40
Fireball. Fiery scarlet.....	.25	1.00
Fringed. Large flowers; mixed colors.....	.15	.60
Japan Pink. Choice mixed.....	.15	.50

Single Annual Pinks

Japan Pink. Mixed colors.....	.15	.50
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DIANTHUS (Pinks)**Hardy Garden Varieties**

***Alwoodi Alpinus.** Flowers from seed the first year; a perfect gem for the rock garden; 4 to 6 inches high; choice assortment of colors. 100 seeds, 85c.; \$5.00 per 1000 seeds.

***Plumarius Cyclops.** Single perpetual Grass Pinks; assorted colors, with blood red eye..... .25 1.25

***Caesius (Cheddar Pink).** Pink..... .25 1.00

Clove Scented. Double and semi-double mixed..... .30 1.25

***Deltoides (Maiden Pink) Brilliant.** Dwarf brilliant carmine..... .40 2.00

Double Scotch. Choice colors mixed..... .30 1.25

Latifolius Atrococcineus, fl. pl. (Double Ever-blooming Sweet William). Double scarlet..... .20 .75

Pheasant's Eye. Single fringed; mixed..... .15 .50

Dianthus, Rock Garden Species

*A special mixture of 25 rare varieties well adapted for rock gardens. Trade pkt., 50c.; \$3.50 per oz.

DICTAMNUS (Gas Plant)

Trade pkt. Oz.

Fraxinella. Perennial; purple red flowers; 2 1/2 feet..	\$0.40	\$2.50
" Alba. Pure white; 2 1/2 feet.....	.40	2.50

DIDISCUS

Coeruleus (Blue Lace Flower). Easily grown annual with lavender blue lace-like flowers, excellent for cutting; 3 feet.....	.25	1.00
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DIGITALIS (Foxglove)

Giant Shirley Mixed. A splendid giant strain, growing 3 to 5 feet high, with enormous spiked flowers..	.25	1.00
Gloxiniaeflora, Pink......	.20	.60
" Purple......	.20	.60
" White......	.20	.60
" Mixed......	.15	.50
Grandiflora. Light yellow.....	.20	.75
Maculata Superba. A beautiful spotted variety...	.20	.75
Monstrosa. Mammoth spikes; various colors.....	.20	.75

DIMORPHOTHECA

Aurantiaca (African Orange Daisy). Golden orange, splendid for cutting; well adapted for forcing; 1 foot.	.20	.60
Aurantiaca Hybrida. Various colors; 1 foot.....	.20	.75

DOLICHOS (Hyacinth Bean)

Choice Mixed. (1/4 lb., 30c.)	.10
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DRACENA

Useful as center plants for vases, baskets, etc. Seeds are sent out in the hull or berry and should be rubbed out before sowing.

	Trade pkt.	Oz.
<i>Australis</i> . Broad leaves.....($\frac{1}{4}$ lb., \$2.00)	\$0.20	\$0.60
<i>Indivisa</i> . Narrow green leaves; the popular center plant for vases.....($\frac{1}{4}$ lb., \$1.00)	.15	.40

DUSTY MILLER. See *Centaurea* and *Cineraria Maritima*

ECHINOCYSTIS (Wild Cucumber Vine)

	Trade pkt.	Oz.
<i>Lobata</i>.....($\frac{1}{4}$ lb., 60c.)		\$0.20

ECHINOPS (Globe Thistle)

<i>Ritro</i> . Splendid hardy perennial, with thistle-like leaves and steel blue flowers; 5 feet.....	\$0.15	.50
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EDELWEISS (Leontopodium)

* <i>Alpinum</i> . A splendid perennial rock plant, with silvery white flowers.....($\frac{1}{8}$ oz., \$2.50)	1.00
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ERINUS

* <i>Alpinus</i> . A fine Spring blooming, perennial rock plant; mixed colors.....($\frac{1}{8}$ oz., \$2.50)	1.00
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ERYNGIUM (Sea Holly)

An ornamental perennial plant, with round heads of flowers which can be cut and dried for Winter bouquets.

	Trade pkt.	Oz.
<i>Amethystinum</i> . Metallic blue flowers; 3 feet.....	\$0.50	\$2.50
<i>Planum</i> . Small flower heads of pale blue; 4 feet.....	.15	.60

ESCHSCHOLTZIA (California Poppy)

<i>Californica</i> . Yellow.....	.15	.25
<i>Golden West</i> . Large golden yellow.....	.15	.25
<i>Mauve Beauty</i> . Lavender mauve.....	.20	.75
<i>Rose Cardinal</i> . Carmine rose.....	.15	.25
<i>Vesuvius</i> . Wallflower or coppery red.....	.20	.60
<i>White</i>.....	.15	.25
<i>Choice Mixed</i>.....	.15	.25

EUPATORIUM

<i>Fraseri</i> . A fine perennial, and useful for cutting; flowers white; 3 feet.....	.20	.75
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EUPHORBIA

<i>Heterophylla</i> (<i>Mexican Fire Plant</i>).....	.20	.75
<i>Variegata</i> (<i>Snow on the Mountain</i>).....	.15	.40

EXACUM

<i>Affine</i> . Fragrant, light blue flowers; plants very dwarf; excellent for pots and baskets.....	1.00
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FERN SPORES

	Trade pkt.
Strictly fresh spores, gathered on order only.	
<i>Adiantum</i> (<i>Maiden Hair</i>). Mixed.....	\$0.75
<i>Pteris</i> Varieties. Mixed.....	.75
All Sorts Mixed. Choice collection.....	.75
List of named varieties on request.	

FEVERFEW. See *Matricaria*

FORGET-ME-NOT. See *Myosotis*

GENTIANA (Blue Gentian)

	Trade pkt.	Oz.
* <i>Acaulis</i> . Dwarf hardy perennial; deep blue flowers; 5 inches.....	\$0.50	\$3.00

GERANIUM

<i>Apple Scented</i> . Per 100 seeds, 50c.; \$3.50 per 1000 seeds.	
<i>Pelargonium</i> (<i>Lady Washington</i>). Per 100 seeds, \$2.50.	
<i>Zonale</i> . Single mixed.....	.30 1.75



Gaillardia Grandiflora, Portola Hybrids ■

GAILLARDIA Annual Varieties

Useful for cutting, or for the mixed border.

	Trade pkt.	Oz.	$\frac{1}{4}$ lb.
<i>Picta</i> . Single mixed; 2 feet.....	\$0.15	\$0.40	\$1.40
<i>Picta Lorenziana</i> . Double mixed; 2 feet.....	.15	.40	1.40

GAILLARDIA—Perennial Varieties

Very showy and excellent for the border or for cutting; $2\frac{1}{2}$ to 3 feet.

	Trade pkt.	Oz.	$\frac{1}{4}$ lb.
<i>Grandiflora, Portola Hybrids</i> . Flowers of immense size; bronzy red with golden tipped petals.....	\$0.30	\$1.75	
<i>Grandiflora, Tangerine (New)</i> . Giant orange flowers, overlaid with red.....	.40	2.00	
<i>Grandiflora Compacta</i> . Mixed.....	\$0.20	\$0.75	\$2.50
" <i>Sanguinea</i> . Blood red.....	.20	.75	2.50
" <i>Semi-double</i> . Mixed.....	.20	.75	2.50
" <i>Superba</i> . Mixed.....	.15	.50	1.75

GERBERA (Transvaal Daisy)

Splendid greenhouse perennials with large daisy-like flowers; fine for pot plants or for cutting.

Jamesoni Hybrida. These hybrids include many brilliant colors and shades. Per 100 seeds, 40c.; \$3.00 per 1000 seeds.

GEUM

Beautiful hardy perennials, bearing a profusion of large, showy, double flowers the entire summer.

	Trade pkt.	Oz.
<i>Atrosanguineum</i> Fl. Pl. Dark crimson; 2 feet.....	\$0.30	\$1.25
<i>Lady Stratheden</i> . Golden yellow; 2 feet.....	.50	2.50
<i>Mrs. Bradshaw</i> . Brilliant scarlet flowers; 2 feet.....	.40	2.00

GILIA

<i>Capitata</i> . A pale lavender blue annual; excellent for cutting; 2 feet.....	.15	.30
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GLOXINIA

Trade pkt.
Hybrida Grandiflora. Our seed is saved from selected plants of a collection grown by a celebrated German specialist (½ trade pkt., 60c.) \$1.00

GODETIA (Satin Flower)

Beautiful and easily grown annuals. Trade pkt. Oz.
Azaleaflora Carminea (New). Dwarf double, bright carmine; specially recommended for pot culture and can really be called a miniature Azalea \$0.25 \$0.75
Whitneyi. Double bright rose; excellent for pots .. .25 .75
Choice Mixed.15 .50

GOMPHRENA (Globe Amaranth)

Also called "Bachelor's Buttons"; a useful Everlasting for bedding; also for cutting. Trade pkt. Oz.
Golden Yellow. \$0.20 \$0.50
Nana Compacta. Dwarf red15 .30
Mixed. All colors15 .30

GOURD (Ornamental)

Large Sorts Mixed.15 .25
Small Sorts Mixed.15 .25



Gypsophila, Elegans Alba Grandiflora

GYPSOPHILA (Baby's Breath)

Free flowering plants of easy culture; excellent for cutting to mix with other flowers.

Elegans Alba Grandiflora (True Paris Market Strain). This strain is not to be confused with the ordinary elegans type; our stock is a selection from the finest strain possible and produces great quantities of large white flowers. It is very easily grown to a marketable condition in six weeks. Per oz., 15c.; 50c. per ¼ lb.; lb., \$1.50; \$6.25 per 5 lbs.

Trade pkt. Oz.
Elegans Carminea. Bright carmine rose. (¼ lb., 60c.; \$2.00 per lb.) \$0.20
Elegans Rosea. Delicate pink (¼ lb., 60c.; \$2.00 per lb.) .20
Paniculata. Perennial; graceful sprays of white flowers; 3 feet (¼ lb., \$1.40) \$0.15 .40
Paniculata Fl. Pl. Perennial, with double white flowers and coming 30 to 40 per cent. true; 3 feet50 3.50
***Repens.** A pretty trailing perennial with tiny white flowers; fine for the rock garden; 6 inches25 1.25
***Repens Rosea.** Pinkish white flowers; 6 inches25 1.25

GRASSES (Ornamental)

Useful either for growing in clumps, mixed borders or in shrubberies.

Annual Varieties

Trade pkt. Oz.
Coix Lachrymae (Job's Tears) (¼ lb., 25c.) \$0.10
Pennisetum Longistylum \$0.15 .50
Pennisetum Ruppelianum (Purple Fountain Grass) .15 .75

GREVILLEA (Silk Oak)

Robusta. A splendid foliage plant; makes an ideal base for made-up holiday baskets; easily raised from seed20 .75

HELENIUM

Autumnale Superbum. Perennial; large heads of golden yellow flowers; 3 feet40 2.50

HELIANTHEMUM (Rock or Sun Rose)

***Mutabile.** Very pretty rock plant, with masses of blooms from July to September; perennial; mixed colors; 8 inches25 .75

HELIANTHUS. See Sunflower

HELICHRYSUM MONSTROSUM

(Straw Flower)

One of the best Everlastings; large double flowers. Valuable for cutting or decoration, either when fresh or in their dried state. Trade pkt. Oz.

Rose Queen. Gigantic flowers of a rich, deep rose color \$0.20 \$0.60
Buttercup. Canary yellow20 .60
Fireball. Crimson20 .60
Golden Ball. Golden yellow20 .60
Rose Carmine.20 .60
Salmon Pink.20 .60
Silver Ball. White20 .60
Violet.20 .60
Choice Mixed.15 .50

HELIOPSIS (Orange Sunflower)

Pitcheriana. Perennial; deep golden yellow flowers; excellent for cutting; 4 feet15 .60

HELIOTROPE

Highly prized on account of the delightful fragrance of the flowers; excellent for pots or bedding. Trade pkt. Oz.

Lemoine's Giant Hybrids. Very large flowers ... \$0.40 \$1.75
Regal. Dwarf large flowering40 1.75
Choice Mixed.25 1.25

HELLEBORUS

Niger (Christmas Rose). Perennial; 15 inches; seed germinates slowly30 1.00

HEUCHERA

Sanguinea (Coral Bells). Hardy perennial; small crimson flowers; excellent for cutting; 2 feet. (½ oz., \$1.00) .50

HIBISCUS (Marshmallow)

Showy perennial plants for mixed beds or shrubby borders.

Trade pkt. Oz.
Giant Mixed; 4 feet. \$0.15 \$0.50

HONESTY (Lunaria)

Biennis Alba. Admired for its silvery seed panicles; biennial; 3 feet20 .75

HUMULUS (Japanese Hop)

A rapid-growing annual climber; very ornamental.
Japonicus Variegatus. Leaves mottled with white .15 .60

HUNNEMANNIA (Giant Yellow Tulp Poppy)

Fumariaefolia. Will produce flowers from July till frost; good for cutting; 1 foot15 .60

HOLLYHOCK

Our seed of this popular perennial plant is saved from extra fine double flowers and cannot be surpassed.

	Trade pkt.	Oz.	
Triumph (New). A splendid type of branching habit; 4 to 5 feet high and flowering ten days earlier than the regular type; choice mixed colors	\$0.50	\$3.00	
	Trade pkt.	Oz.	1/4 lb.
Allegheny. Semi-double fringed, mixed	\$0.20	\$0.75	\$2.50
Chater's Double Maroon	.30	1.25	4.50
" " Newport Pink. Pure pink.	.30	1.50	5.50
" " Pink	.30	1.25	4.50
" " Red	.30	1.25	4.50
" " Salmon	.30	1.25	4.50
" " White	.30	1.25	4.50
" " Yellow	.30	1.25	4.50
" " Mixed	.25	1.00	3.50
Double Everblooming Mixed. Flowers the first year from seed	.25	1.00	3.75

SINGLE HOLLYHOCK

	Trade pkt.	Oz.		Trade pkt.	Oz.
Chamois	\$0.25	\$1.00	Scarlet	\$0.25	\$1.00
Mauve	.25	1.00	White	.25	1.00
Pink	.25	1.00	Yellow	.25	1.00
Rose	.25	1.00	Mixed	.15	.50

IMPATIENS (Sultan's Balsam)

	Trade pkt.
Holsti. Vermilion red	\$0.50
Holsti New Hybrids. Various colors	.50
Sultani. Bright rose	.50
Sultani Hybrids. Various colors	.50

INCARVILLEA

Delavayi (Hardy Gloxinia). A good plant for the hardy border, producing masses of showy, Gloxinia-like flowers; should be protected over the Winter; perennial; 2 feet. (1/4 oz., \$2.00) .50

IPOMOEA

	Trade pkt.	Oz.
Heavenly Blue (Rubra Coerulea)	\$0.20	\$0.60
Noctiflora (Moon Flower). Large white. Lb., \$3.75; \$1.00 per 1/4 lb.	.15	.30
Setosa (Brazilian Morning Glory). Pink (1/4 lb., 75c.)	.15	.25
Mixed	.15	.30

IRIS (Flowering Flag)

Kaempferi (Japanese Iris). Mixed colors. .15 .60

KOCHIA (Summer Cypress)

Childsii. An improved strain. .15 .25

LARKSPUR (Annual)

A very popular annual for cutting, either outdoors or in the greenhouse.

TALL BRANCHING STOCK FLOWERED

These grow about 4 feet high

	Trade pkt.	Oz.	1/4 lb.
Los Angeles. A splendid new variety; color rich salmon overlaid with brilliant rose	\$0.25	\$1.00	\$3.50
Dark Blue (Lb., \$5.50)	.15	.50	1.75
Exquisite. Soft pink (Lb., \$5.50)	.15	.50	1.75
Lilac (Lb., \$5.50)	.15	.50	1.75
Lustrous Carmine (Lb., \$5.50)	.15	.50	1.75
Shell Pink (Lb., \$5.50)	.15	.50	1.75
Sky Blue (Lb., \$5.50)	.15	.50	1.75
White (Lb., \$5.50)	.15	.50	1.75
Mixed (Lb., \$4.00)	.15	.40	1.25
Emperor, Pink Delight. Soft, bright rose pink; dwarf and compact	.25	1.00	3.50
Dwarf Double Rocket. Mixed colors	.15	.50	1.75

TALL BRANCHING SINGLE

A single strain which is sometimes preferred to the Tall Double Stock Flowered class.

Mixed. .15 .35

For PERENNIAL LARKSPUR, see

Delphinium, page 16



Giant Imperial Larkspur, Blue Spire

LARKSPUR**GIANT IMPERIAL**

This new group of Larkspur is identical in branching habit to the Giant Imperial Stock; flowers very double; plants of robust habit of growth; 3 to 4 feet.

	Trade pkt.	Oz.	1/4 lb.
Blue Spire. An intense deep Oxford blue	\$0.30	\$1.50	\$5.00
Carmine King. Rich carmine	.30	1.50	5.00
Lilac Spire. Bright lilac	.30	1.50	5.00
White Spire. Pure white	.30	1.50	5.00
Exquisite Pink, Improved. A splendid improvement over the old type; a beautiful salmon pink color; comes practically 100% true	.25	1.00	3.50
Exquisite Rose. A beautiful shade of rose pink	.25	1.00	3.50
Mixed	.25	1.00	3.50

IMPROVED GIANT HYACINTH FLOWERED

These grow about 4 feet in height and are especially adapted for growing under glass.

	Trade pkt.	Oz.	1/4 lb.
Dark Blue	\$0.20	\$0.75	\$2.50
Lilac	.20	.75	2.50
Pink	.20	.75	2.50
White	.20	.75	2.50
Mixed	.15	.50	1.75

LATHYRUS LATIFOLIUS (Perennial Pea)

A hardy climber, growing 6 feet high.

	Trade pkt.	Oz.
Crimson.....	\$0.20	\$0.75
Pink Beauty. Bright pink.....	.20	.75
White.....	.20	.75
Choice Mixed Colors.....	.15	.60

LAVENDER

Lavandula Vera (True). Perennial; fragrant blue flowers; 2 feet.....	.15	.50
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LEPTOSYNE

An excellent, quick growing annual for cutting.

Maritima. Lemon yellow Marguerite-like flowers; 2 feet.....	.20	.75
Stillmani. Golden yellow; blooms within 5 weeks after sowing seed; 18 inches.....	.30	1.00

LIATRIS

Pycnostachya. A showy perennial border plant; rosy purple flowers; excellent for cutting; 4 feet....	.40	2.00
Scariosa. An improved strain, with larger flowers and more spreading habit than the above; color, clear rose purple.....	.40	2.00

LILY

Regale (Lil. Myriophyllum). Perfectly hardy; excellent for forcing; flowers waxy white.....	.25	1.00
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LINARIA

Cymbalaria (Kenilworth Ivy). For baskets, vases, etc.; flowers violet.....	.40	2.00
Maroccana Hybrids (Toad Flax). A very showy annual; mixed colors; 12 inches.....	.15	.30

LINUM (Flax)

Flavum. Perennial yellow Flax; 2 feet. (1/4 oz., \$1.00).....	.40	
Perenne. Perennial; large blue flowers; 1 1/2 feet.....	.15	.50
Rubrum. Annual; large flowered Scarlet Flax; 1 1/2 feet.....	.15	.25

LUPINUS (Annual)

Very attractive and popular as a cut flower.

GIANT HARTWEGI**1933 Novelty**

A new improved strain of annual Lupins. This type grows from 3 to 4 feet high and with the base-branching habit; each plant produces from 4 to 6 spikes of bloom, which are much larger than the old type. Choice mixture of colors. Trade pkt., 40c.; \$2.50 per oz.

	Trade pkt.	Oz.	1/4 lb.	Lb.
Pink.....	\$0.15	\$0.25	\$0.75	\$2.75
Rich Blue.....	.15	.25	.75	2.75
Sky Blue.....	.15	.25	.75	2.75
White.....	.15	.25	.75	2.75
Mixed.....	.15	.25	.65	2.40

LUPINUS POLYPHYLLUS

Effective perennial plants with large spikes of flowers.

	Trade pkt.	Oz.
Salmon Queen (Novelty). This beautiful new variety is a strain of salmon shades; a splendid addition to this popular perennial.	\$0.50	\$4.00
Blue.....	.15	.25
Luteus. A choice strain of yellow shades.....	.30	1.25
Moerheimi. Pink and white.....	.25	1.00
Roseus. Soft pink.....	.20	.75
White.....	.15	.25
Mixed. All colors..... (1/4 lb., 75c.)	.15	.25
New Hybrids Mixed.....	.30	1.25

LOBELIA

One of the best plants for edging beds, or for pots, baskets and vases. Seed should be sown early.

Michell's Blue Stone. A splendid dwarf variety of very compact growth; the plants being completely covered with large, bright blue flowers; unsurpassed for borders or boxes.....	Trade pkt.	Oz.
	\$0.50	\$3.00

	Trade pkt.	Oz.
Crystal Palace Compacta. The leading dwarf variety; dark blue flowers and dark foliage.....	\$0.40	\$2.00
Crystal Palace Speciosa. The best trailing sort for baskets and vases; deep blue.....	.25	1.00
Emperor William. Dwarf; light blue.....	.30	1.50
Sapphire. Deep blue, white eye, trailing.....	.50	3.00
Choice Mixed.....	.25	1.00
Cardinalis (Cardinal Flower). Stately perennial plants with spikes of cardinal red flowers (1/4 oz., \$2.00).....	.50	7.00

LYCHNIS

Hardy perennial plants of easy culture.

Arkwrightii. Splendid new hybrids; free flowering..	.30	1.50
Chalcedonica. Scarlet cross-like flowers; 2 feet....	.15	.50
Haageana Hybrida. Mixed, various colors; 1 foot.	.30	1.50
*Viscaria Splendens. Bright rose red, very showy; fine for the rockery; 1 foot.....	.15	.60

LYTHRUM

Roseum Superbum. A fine hardy perennial; rosy pink flowers from July to September; 3 feet.....	.15	.50
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MARVEL OF PERU (Four O'clock)

Mixed Colors..... (1/4 lb., 40c.)	.15
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MATRICARIA (Feverfew)

Double White. Fine for cut flowers; 18 inches.....	.15	.50
Golden Ball. Dense habit; bright yellow flowers; perennial; 8 inches.....	.40	2.00

MATTHIOLA

Bicornis (Evening Scented Stock). Purplish lilac.....	.15	.30
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MAURANDIA

A splendid climbing plant for vases, baskets, etc.

Choice Mixed. All colors.....	.50	2.50
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MESEMBRYANTHEMUM

Crystallinum (Ice Plant). White flowers.....	.15	.40
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MIGNONETTE

Valuable for cutting on account of its fragrance.

Allen's Defiance. Large spikes..... (1/4 lb., \$1.25)	.15	.40
Goliath. Giant spikes of red flowers; extra fine....	.20	.75
Machet. A selected strain..... (1/4 lb., \$1.50)	.15	.50
Michell's Colossal. One of the finest sorts for forcing. Colossal spikes from 18 to 24 inches high.....	.50	6.00
New York Market. A selected florists strain.....	.25	1.00
White Goliath. An extra fine white sort.....	.25	1.00
Sweet Scented. Large flowering.... (1/4 lb., 35c.)		.15

MIMULUS

*Tigrinus (Monkey Flower). Mixed colors.....	.30	2.00
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MOONFLOWER. See Ipomoea**MORNING GLORY. See Convolvulus****MUSA**

Ensete (Abyssinian Banana). 50c. per 25 seeds; 100 seeds, \$1.25; \$10.00 per 1000 seeds.	
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Marigold, Guinea Gold

MARIGOLD

Free flowering annuals for bedding and cutting.

African Varieties

Guinea Gold. A very valuable novelty that has created a sensation as a most desirable cut flower; it is a distinct type, producing no singles whatsoever, the flowers coming 100% double and semi-double; in color a clear orange, flushed with gold; very loose petaled and lacks the odor of the regular African marigold. Trade pkt., 50c.; \$2.50 per oz.

Trade pkt. Oz.

Alldouble Orange. This new variety will produce a large percentage of double flowers, of a bright orange shade. \$0.40 \$2.00
El Dorado. Double orange. (1/4 lb., \$1.75) .15 .50
Lemon Queen. Lemon yellow; double (1/4 lb., \$2.75) .20 .75
Orange Prince. Rich orange yellow; double. (1/4 lb., \$2.75) .20 .75
Tall Double Mixed. (1/4 lb., \$1.60) .15 .50

Dwarf French Varieties

Trade pkt. Oz.

Fire Cross. This dwarf single variety is undoubtedly the best of its type; color deep orange yellow, with each petal marked with a crimson maroon blotch. \$0.25 \$1.00

Trade pkt. Oz.

Robert Beist. Large, dark maroon. . . (1/4 lb., \$1.75) \$0.15 \$0.50
Golden Ball. Large golden yellow. . . (1/4 lb., \$1.75) .15 .50
Gold Striped. Double; extra fine. . . (1/4 lb., \$1.75) .15 .50
Legion of Honour (Little Brownie). Single; golden yellow with crimson spot. (1/4 lb., \$1.25) .15 .40
Lemon Ball. Pale sulphur yellow. . . (1/4 lb., \$1.75) .15 .50
Mahogany. Rich mahogany brown. . . (1/4 lb., \$1.75) .15 .50
Dwarf Double Mixed. (1/4 lb., \$1.25) .15 .40
***Lilliput Mixed.** Very dwarf; excellent for pots; 8 inches.15 .40
Signata Pumila (Tagetes). Golden yellow; this type is splendid for edging; 10 inches.15 .50
Tall Single French, Josephine. Dark brown with gold edges.15 .50
Tall Double French Mixed.15 .50

MYOSOTIS (Forget-Me-Not)

Trade pkt. Oz.

Ruth Fischer (Hybrida). An extra fine upright growing, free blooming variety, with bright blue flowers; splendid for pots. (1/16 oz., \$1.00) \$0.50

Trade pkt. Oz.

Alpestris Victoria. Bright blue; dwarf. \$0.30 \$1.50
Dwarf Indigo Blue. A fine dark blue.30 1.50
Eliza Fanrobert. Blue; fine for pots.25 1.00
Grandiflora Alba. White.20 .75
Grandiflora Rosea. Pink.20 .75
Michell's Winter Flowering. The finest variety for forcing; long stems; large deep blue flowers.50 3.00
Palustris Semperflorens. Everblooming, blue. . . .30 1.50
Choice Mixed.15 .50

NASTURTIIUMS

Excellent for window boxes, vases, baskets, etc.; the dwarf sorts are fine for beds or borders.

GOLDEN GLEAM (Novelty)

This new type is of semi-trailing habit and is a new development in Nasturtiums. The plant forms a vigorous large bush, which throws out short runners averaging 18 inches; the sweet scented, large double flowers are of a golden yellow color and average two to three inches across; they are borne on erect, stiff stems six inches in length and stand well above the foliage, an arrangement which adds immeasurably to the showy appearance of the plant; they are also splendid for cutting. For the florist who grows pot plants, this variety is a good proposition and well grown plants in 3-inch pots will find a ready sale. The seed we offer is strictly originator's stock. Trade pkt., 25c.; 75c. per oz.

DWARF OR TOM THUMB VARIETIES

Oz. 1/4 lb. Lb.

Queen of Tom Thumbs Mixed. Silver variegated foliage; very showy. \$0.15 \$0.50 \$1.50
Michell's Giant Flowering Mixed.15 .40 1.25
Choice Mixed. (10 lbs., \$7.00) .10 .25 .75

CLIMBING OR TRAILING VARIETIES

Oz. 1/4 lb. Lb.

Michell's Giant Flowering Mixed. \$0.15 \$0.35 \$1.00
Choice Mixed. (10 lbs., \$5.50) .10 .25 .65

LOBB'S TALL OR CLIMBING

Oz. 1/4 lb. Lb.

Choice Mixed. Lobb's varieties. \$0.10 \$0.30 \$1.00

NEMESIA

Trade pkt. Oz.

A splendid annual, with large flowers; fine for bedding.
Blue Gem. Flowers bright blue; plants of compact growth. (1/4 oz., 75c.) \$0.50
Strumosa Suttoni. Colors vary from creamy white to deep orange and carmine.40 \$2.00

NEPETA

***Mussini.** A favorite perennial rock plant; blue gray foliage and pale mauve flowers.50 3.00

NICOTIANA (Ornamental Tobacco)

Affinis. Large white, fragrant flowers; 2 1/2 feet. . . .15 .40
Affinis Hybrids. Mixed colors; 2 1/2 feet.15 .50
Sanderae. Flowers carmine red; 2 1/2 feet.15 .40

NIGELLA (Love in a Mist)

Annual of compact growth; fine cut foliage and curious flowers.

Trade pkt. Oz.

Damascena. Blue and white, mixed; 18 inches. . . \$0.15 \$0.25
Miss Jekyll. Beautiful clear blue; fine for cutting; 18 inches.15 .25

OENOTHERA (Evening Primrose)

Beautiful hardy perennial plants; free flowering.

***Missouriensis.** A prostrate growing variety; bright yellow flowers.50 4.00
Youngi. Showy, large yellow flowers; 18 inches. . .50 4.00

MICHELL'S GIANT PANSIES

This is one of our specialties and the strains we are offering are the best that time and money can produce. This seed is grown for us by experts in Europe and America and the quality of our strains cannot be surpassed for size, form, beautiful markings and brilliancy of colors.

The following list comprises the best of the new European creations and the popular American varieties; we feel sure that these will please the most discriminating gardener.

MICHELL'S GIANT EXHIBITION MIXTURE

Our Special Giant Strain

This mixture is made up of the finest strains in existence; very dwarf habit with huge flowers, in a fine range of colors, including the popular light shades. For the grower who would have the best, we recommend this variety. Half trade pkt., 30c.; 50c. per trade pkt.; $\frac{1}{8}$ oz., \$1.00; \$1.75 per $\frac{1}{4}$ oz.; oz., \$6.50; \$24.00 per $\frac{1}{4}$ lb.

TRIUMPH OF THE GIANTS

An excellent mixture where large flowers and long stems are desired; the flowers are of immense size and the colors run mostly to dark rich and rare shades. Half trade pkt., 60c.; \$1.00 per trade pkt.; $\frac{1}{4}$ oz., \$2.25; \$8.00 per oz.; $\frac{1}{4}$ lb., \$30.00.

Trimardeau Mixed. Large flowering, in a good range of colors. Trade pkt., 25c.; \$1.25 per oz.; $\frac{1}{4}$ lb., \$4.00.

Madame Perret. A fine variety in beautiful rich red and rose shades; flowers of large size and very free blooming. Trade pkt., 30c.; \$1.50 per oz.; $\frac{1}{4}$ lb., \$5.50.

Masterpiece (Frisled Pansy). Giant curled, sometimes called double, in a fine range of beautiful rich colors, mostly red and brown. Trade pkt., 50c.; \$3.00 per oz.; $\frac{1}{4}$ lb., \$10.00.

Fine English Mixed. Choice mixture of medium sized flowers. Trade pkt., 25c.; \$1.00 per oz.; $\frac{1}{4}$ lb., \$3.00.

SWISS GIANTS (Roggli)

Michell's New Swiss Giants. This new strain has enormous flowers and contains many unusual colors, such as salmon, pink, red, etc., which are all beautifully blotched. Trade pkt., \$1.00; \$1.50 per $\frac{1}{8}$ oz.; $\frac{1}{4}$ oz., \$2.75; \$10.00 per oz.

Alpenglow. A fine range of cardinal red shades with dark blotches. Trade pkt., 75c.; \$2.25 per $\frac{1}{4}$ oz.; oz., \$7.50.

Lake of Thun (Ullswater). A distinct variety; color marine blue with deep blue blotches. Trade pkt., 75c.; \$2.25 per $\frac{1}{4}$ oz.; oz., \$7.50.

Rhinegold. Deep golden yellow with black blotches on the three lower petals. Trade pkt., 75c.; \$2.25 per $\frac{1}{4}$ oz.; oz., \$7.50.

Roggli (Improved Swiss Giants). Flowers of large size and with overlapping petals, many brilliant colors and shades; excellent for greenhouse culture. Trade pkt., 50c.; \$1.00 per $\frac{1}{8}$ oz. $\frac{1}{4}$ oz., \$1.75; \$6.50 per oz.; $\frac{1}{4}$ lb., \$24.00.

GIANT PRIZE OR BEDDING STRAIN

Separate Colors

	Trade pkt.	Oz.	$\frac{1}{4}$ lb.
Azure Blue.....	.30	1.50	\$5.50
Black Blue.....	.30	1.50	5.50
Emperor William. Blue.....	.30	1.50	5.50
Hortensia Red.....	.30	1.50	5.50
King of the Blacks.....	.30	1.50	5.50
Lord Beaconsfield. Purple violet.....	.30	1.50	5.50
Peacock. Blue, claret and white.....	.30	1.50	5.50
Snow Queen. Pure white.....	.30	1.50	5.50
White with Eye.....	.30	1.50	5.50
Pure Yellow.....	.30	1.50	5.50
Yellow with Eye.....	.30	1.50	5.50

Mrs. P. S. DuPont. A really novel color in pansies, golden apricot with creamy tint, flushed salmon; very free flowering and exceptionally desirable for the rock garden. Half trade pkt., 30c.; 50c. per trade pkt.; oz., \$7.00.



Phlox Drummondii, Grandiflora

PENTSTEMON

	Trade pkt.	Oz.
Sensation. Largely used for bedding; should be treated the same as Petunias, Verbenas, etc.; mixed colors; 3 feet.....	\$0.50	\$3.00
New Hybrids Mixed. Hardy perennial; large spikes; 3 feet.....	.30	2.00

PHACELIA (California Blue Bell)

Campanularia. A splendid annual, one of the earliest to bloom; color gentian blue; excellent for borders; 9 inches.....	.15	.50
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PHLOX DRUMMONDII

Beautiful summer flowering annuals; make excellent pot plants for spring sales.

DWARF OR COMPACT VARIETIES

	Trade pkt.	Oz.	$\frac{1}{4}$ lb.
"Cecily." Large flowering mixed.....	\$0.40	\$2.50	\$9.00
Fireball. Brilliant scarlet.....	.40	2.00	
Pink.....	.40	2.00	
Snowball. Pure white.....	.40	2.00	
Choicest Mixed.....	.30	1.50	5.50

PHLOX—GRANDIFLORA VARIETIES

Alba. Pure white.....	.25	1.00	
Chamois Rose.....	.25	1.00	
Coccinea. Scarlet.....	.25	1.00	
Lilac.....	.25	1.00	
Pink.....	.25	1.00	
Yellow.....	.25	1.00	
Choicest Mixed.....	.20	.80	3.00
Cuspidata (Star of Quedlinburg). Extra fine, star-flowered mixture.....	.25	1.00	

PHLOX (Hardy)

Decussata. Choice mixed.....	.40	2.00
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MICHELL'S NEW SWISS GIANT PANSIES



PANSY MICHELL'S NEW SWISS GIANTS

A new strain of superior quality. The best of the Swiss type; enormous flowers in many unusual shades of salmon, red, blue, yellow, etc., all beautifully blotched. Splendid for forcing under glass.

Trade pkt.	\$1.00
1/8 ounce	1.50
1/4 ounce	2.75
1 ounce	10.00

MICHELL'S GIANT PETUNIAS

We are headquarters for this florists' popular pot plant. The following list is selected from the finest strains of Petunias that are grown in Europe and California. We supply the most critical trade in every State in the union with our selected strains.



Petunia, Dwarf California Giants (Ramona Strain)

GIANT FLOWERING SINGLE

New Dwarf California Giants (Ramona Strain). Trade pkt. Oz.
A splendid new dwarf strain of the well known California Giants; compact habit; excellent for pots. $\frac{1}{2}$ Trade Tra
pots.....($\frac{1}{64}$ oz., \$2.00; \$3.50 per $\frac{1}{32}$ oz.) \$0.60 \$1.00

MICHELL'S GIANT FRINGED MIXED

Flowers very large, beautifully fringed and ruffled and in a fine mixture of the most popular colors. Half trade pkt., 60c.; \$1.00 per trade pkt.; $\frac{1}{64}$ oz., \$1.50; \$2.50 per $\frac{1}{32}$ oz.; $\frac{1}{16}$ oz., \$4.00.

	$\frac{1}{2}$ Trade	Trade
	pkt.	pkt.
California Giants. Strong plants; immense flowers of bright and desirable colors....($\frac{1}{32}$ oz., \$1.50)	\$0.30	\$0.50
Floretta (New). Large flowered, single fringed; habit similar to Theodosia; color, beautiful steel blue, veined black.....($\frac{1}{64}$ oz., \$3.50)	.75	1.25
Pink Glory. Of compact growth, with flowers of a pure rose pink.....($\frac{1}{32}$ oz., \$2.00)		.50
Purple Prince. A splendid velvety purple large flowering variety.....($\frac{1}{32}$ oz., \$1.50)		.75
Theodosia. A large flowered fringed variety; rosy pink with a clear golden center.....($\frac{1}{32}$ oz., \$3.50)	.60	1.00
Violet King. Beautiful velvety, violet blue; immense fringed flowers; strong habit of growth. ($\frac{1}{64}$ oz., \$3.50)	.75	1.25
Yellow Throated Mixture. A specially re-selected mixture of giant fringed varieties; pleasing light shades; all having yellow throats....($\frac{1}{32}$ oz., \$2.50)		.75

BALCONY PETUNIAS

A splendid large flowering, free blooming type, suitable for vases, window or porch boxes, also valuable for bedding.

	Trade pkt.	Oz.
Blue. Rich indigo blue.....	\$0.50	\$5.00
Crimson. Velvety crimson.....	.40	3.00
Rose. Brilliant rose pink.....	.40	3.00
White. Pure white.....	.40	3.00
Mixed colors.....	.40	3.00

Half trade packets can only be supplied where listed.

SINGLE SMALL FLOWERING

	$\frac{1}{2}$ Trade	Trade	Oz.
	Pkt.	Pkt.	
Bluebird. An excellent bedding variety; medium-sized flowers of a deep blue color..	\$0.30	\$0.50	\$2.50
Dwarf Inimitable. Dwarf, compact habit; flowers striped and blotched.....		.30	1.50
General Dodds. Rich velvety blood red; splendid bedding variety.....		.30	1.50
Rosy Morn. Dwarf, bushy plants, with brilliant rose colored flowers with white throat; one of the most popular bedding sorts.....	.30	.50	2.50
Rose of Heaven. Brilliant rose; a very effective and popular color.....		.40	2.00
Silver Blue (Heavenly Blue). Makes a splendid bedding variety when combined with Rosy Morn.....	.30	.50	2.50
Snowball. Dwarf, pure white.....		.40	2.00
Star (Howard's). A beautiful variety; crimson maroon flowers, each having a distinct five-pointed white star.....		.40	2.00
Violet Gem. Erect, dwarf type; flowers beautiful deep violet.....		.40	2.00
Choice Mixed.....		.25	1.00

LARGE DOUBLE FLOWERING

Our strain of Double Fringed Petunias is one of the best on the market, producing a maximum of double flowers. It is of course to be understood that the seed of double varieties is obtained by hybridization, therefore will not produce all double flowers; it is well to note, when transplanting double petunias it is advisable not to discard the smaller plants as these usually produce the best double flowers.

Double Fringed White. Per 500 seeds, \$1.25; \$2.00 per 1000 seeds.

Double Fringed Mixed. Superb colors and of mammoth size. Per 500 seeds, 75c.; \$1.50 per 1000 seeds.

SMALL DOUBLE FLOWERING

Lilliput Double

(Nana Erecta Compacta)

A very dwarf compact strain, which produces medium sized double flowers in great profusion. A perfect gem for bedding purposes.

	Trade pkt.	$\frac{1}{64}$ oz.	$\frac{1}{32}$ oz.
Crimson	\$1.00	\$3.00	\$5.00
Rosy Morn	1.00	3.00	5.00
Snowball	1.00	3.00	5.00
Mixed	1.00	3.00	5.00



Double Fringed Petunia



Petunias, Deiner's Ruffled Monsters

DIENER'S ORIGINAL STRAINS

The following varieties are grown by the originator and are supplied in original packets.

	Trade Pkt.	Trade Pkt.
Ruffled Monsters Mixed. A much improved strain; extra large flowers in a wide range of colors; splendid dwarf habit, especially suited for pots. ($\frac{1}{4}$ oz., \$2.50; \$4.00 per $\frac{1}{2}$ oz.)	\$0.60	\$1.00
Pink Glory. Same type as above; flowers are a beautiful shade of rose pink. ($\frac{1}{2}$ oz., \$3.00)	.60	1.00
Copper Red. No. 41. A coppery red shade; very popular . . . . .	.50	
Blue. No. 11. Silky deep blue; free blooming . . . . .	.50	
Mauve No. 20. Heavily veined with purple . . . . .	.50	
Large Double Frilled. No. 42. A splendid strain, producing a high percentage of doubles; the flowers are heavily frilled and ruffled and in a fine blending of colors	1.00	

PORTLAND PETUNIAS

A new strain grown for us by a specialist. For planting of veranda boxes and for choice potted plants or for bedding out these never fail to appeal to the most critical buyers.

	Trade pkt.
Elk's Pride. Large, deep royal purple . . . ($\frac{1}{32}$ oz., \$1.50)	\$0.50
Pink Triumph. Clear, bright pink, delicately fringed. ($\frac{1}{32}$ oz., \$1.50)	.50
Pride of Portland. Large, deep rose pink fringed flowers. ($\frac{1}{32}$ oz., \$1.50)	.50
Scarlet Beauty. Flowers fringed; color, shading from cherry red to deep maroon ($\frac{1}{32}$ oz., \$1.50)	.50
White Beauty. Pure white flowers with finely fringed edges ($\frac{1}{32}$ oz., \$1.50)	.50
Mixed Colors. ($\frac{1}{32}$ oz., \$1.50)	.50

LARGE FLOWERING HYBRIDS

An excellent mixture of large flowering sorts. Trade pkt., 40c.; \$2.50 per oz.

PHYSALIS (Chinese Lantern Plant)

	Trade pkt.	Oz.
Francheti. Perennial; orange scarlet fruits; 2½ feet	\$0.20	\$0.75

PHYSOSTEGIA

Perennial border plant; tubular flowers.		
Virginica. Pink; 4 feet . . . . .	.25	1.25
Virginica Alba. White; 4 feet . . . . .	.25	1.25

PINKS. See Carnation and Dianthus

PLATYCODON (Japanese Balloon Flower)

A very desirable perennial; excellent for the permanent border or among shrubbery.		
	Trade pkt.	Oz.
Grandiflorum. Blue; 28 inches	\$0.30	\$1.50
Grandiflorum Album. White; 28 inches . . . . .	.30	1.50

POLEMONIUM (Jacob's Ladder)

A good hardy perennial, with bell shaped flowers; 2½ feet.		
	Trade pkt.	Oz.
Coeruleum Blue.	\$0.15	\$0.50
Coeruleum Album. White . . . . .	.15	.50

POLYANTHUS (Primula Elatior)

Spring flowering perennials, for pot culture or the garden.		
	Trade pkt.	Oz.
*Gold Laced. Very showy ($\frac{1}{4}$ oz., \$2.00)	\$0.50	
*English. Single mixed . . . . .	.40	\$2.25

POPPY

DOUBLE ANNUAL VARIETIES

	Trade pkt.	Oz.
Carnation Flowered. Mixed ($\frac{1}{4}$ lb., 5 c.)	\$0.15	.25
Fairy Blush. White, fringed and tipped with rose . . . . .	.15	.25
Mikado (Striped Japanese). White, striped crimson . . . . .	.15	.25
Peony Flowered. Mixed ($\frac{1}{4}$ lb., 50c.)	.15	.25
Improved Shirley, May Queen. An improved strain; large double flowers; mixed colors . . . . .	.20	.75

POPPY—SINGLE ANNUAL VARIETIES

	Trade pkt.	Oz.
American Legion. Dazzling orange-scarlet	\$0.15	\$0.50
Flanders. Bright scarlet . . . . .	.15	.25
King Edward. Scarlet, shaded black . . . . .	.15	.25

	Trade pkt.	Oz.
Oriental Scarlet. An exact duplicate of the perennial type, but is an annual, flowering profusely the first season	\$0.20	\$0.60

	Trade pkt.	Oz.
Shirley, Wild Rose Pink. Beautiful rich pink	\$0.15	\$0.50
Shirley. Large flowers; mixed colors . . . ($\frac{1}{4}$ lb., 75c.)	.15	.25
Tulip. Glowing scarlet . . . . .	.15	.40

POPPY—PERENNIAL VARIETIES

*Alpinum Mixed. Dwarf, Alpine variety; splendid for the rockery; 8 inches50	4.50
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	Trade pkt.	Oz.
Iceland, Coonara Pink Shades. A fine strain in beautiful pink art shades; long stems and large flowers, no washy shades; a splendid novelty	\$0.50	\$4.50

Iceland, Elmonte. Very large flowering; comes true from seed; fine for cutting; color, tangerine orange	\$0.50	\$3.50
Iceland (Nudicaule). Orange Scarlet . . . . .	.25	1.00
“ White . . . . .	.25	1.00
“ Yellow . . . . .	.25	1.00
“ Single Mixed . . . . .	.25	1.00
“ Sunbeam (New). Splendid mixed hybrids . . . . .	.25	1.50
Oriental. Deep scarlet . . . . .	.25	1.00
“ Mrs. Perry. Rich salmon pink . . . . .	.50	3.50
“ Hybrids. Mixed colors . . . . .	.25	1.00



Primula Obconica, Fasbender

MICHELL'S PRIMULAS

We offer select strains of this splendid Winter blooming pot plant; several of the varieties are originator's stock and grown exclusively for our florists' trade.

PRIMULA OBCONICA

These are splendid pot plants for winter blooming.

Fasbender. Very compact growth; giant flowers; color, deep crimson. 500 seeds, 85c.; \$1.50 per 1000 seeds; $\frac{1}{4}$ oz., \$2.50.

Mohnstein, Atrosanguinea. Dark red. Trade pkt., \$1.00; \$2.00 per $\frac{1}{4}$ oz.

Mohnstein, Kermesina. Crimson. Trade pkt., \$1.00; \$2.00 per $\frac{1}{4}$ oz.

Mueller (Berlin). Bright-rose. Trade pkt., \$1.00; \$2.00 per $\frac{1}{4}$ oz.

Mueller and Mohnstein Mixed. Shades of pink and red. Trade pkt., \$1.00; \$2.00 per $\frac{1}{4}$ oz.

PRIMULA OBCONICA GIGANTEA

MONSTER. A large flowering strain. Trade pkt.

Apple Blossom. Soft pink. \$1.00

Kermesina. Deep crimson. 1.00

Deep Rose. Brilliant color. 1.00

Rose Queen. Clear rose pink of large size. 1.25

Rosea. Pink. 1.00

Salmon Queen. 1.00

Mixed Colors. ($\frac{1}{32}$ oz., \$3.00) 1.00

PRIMULA OBCONICA GRANDIFLORA

Hybrida. Mixed. ($\frac{1}{16}$ oz., \$1.50) .50

PRIMULA, Fringed Chinese Varities

$\frac{1}{2}$ trade Trade
Pkt. Pkt.

Mitchell's Prize Mixture. This mixture contains only the very finest sorts. ($\frac{1}{16}$ oz., \$3.00) \$0.60 \$1.00

PRIMULA KEWENSIS

(Verbena Scented Yellow Primrose)

Long spikes of yellow flowers. ($\frac{1}{32}$ oz., \$1.00) .50

Half trade packets are only supplied where listed

PRIMULA MALACOIDES

	Trade pkt.
Lilac (Improved Baby Primrose).....($\frac{1}{8}$ oz., \$1.00)	\$0.50
Courtland Seedling. Brilliant, clear lilac pink; vigorous grower.....($\frac{1}{2}$ oz., \$3.00)	.75
Princess Patricia. Beautiful lavender pink, flowers finely laced.....($\frac{1}{4}$ oz., \$3.00)	.75
Pink Beauty. Deep rosy pink flowers....($\frac{1}{32}$ oz., \$1.00)	.50

PRIMULA, HARDY SORTS

The following varieties of hardy primulas are very popular; however it is to be noted that the germination of the seed is very slow.

	Trade pkt.
*Japonica (Hardy Japan Primrose) Mixed ...(Oz., \$3.50)	\$0.50
*Veris (Cowslip) Mixed.....(Oz., \$2.50)	.40
*Vulgaris (English Yellow Primrose).....(Oz., \$3.50)	.50

PORTULACA

	Trade pkt.	Oz.
Double Mixed. Large flowering; extra fine quality..	\$0.30	\$2.00
Single Mixed. Large flowering.....($\frac{1}{4}$ lb., \$1.50)	.15	.50

POTENTILLA

Single Mixed. A most effective perennial, the flowers resembling Geum; 2 feet.....	.20	.75
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PUERARIA (Kudzu Vine)

Thunbergiana. Perennial climber; rosy purple pea-shaped flowers.....	.15	.40
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PYRETHRUM

FOLIAGE VARIETY FOR BEDDING

Aureum (Golden Feather). Yellow foliage.....	.15	.40
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PYRETHRUM HYBRIDUM

Perennial Varieties

Undoubtedly one of the best hardy perennials, both for garden work and cut flower purposes; for the florist, a row of two or three hundred plants will prove very useful; absolutely hardy and of very easy culture; 30 inches.

	Trade pkt.	Oz.
Atrosanguineum. Single; dark red shades.....	\$0.50	\$3.00
Roseum. Single; pink shades.....	.40	2.00
Uliginosum. Single; giant white.....	.40	2.00
Hybridum Single Mixed.....	.30	1.50
Hybridum Choice Double Mixed.....	.50	5.00

RHODANTHE (Everlasting Flower)

Mixed Colors. Fine for cutting; annual.....	.15	.50
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RICINUS (Castor Oil Bean)

Very effective plants on the lawn as centerpieces in flower beds such as cannas, etc. There is always a good demand for these plants.

	Oz.	$\frac{1}{4}$ lb.
Cambodgensis. Bronzy maroon; 5 feet.....	\$0.15	\$0.50
Gibsoni. Dark red; 5 feet.....	.15	.50
Red Spire. Leaves bronzy green with bright rosy-crimson seed spikes.....	.20	.60
Sanguineus. Blood-red stalks; 8 feet.....	.15	.50
Zanzibariensis. Large; various colors; 12 feet....	.15	.50
Mixed. All sorts.....(Lb., \$1.00)	.10	.30

RUDBECKIA (Cone Flower)

Tall growing plants, flowering profusely all summer.

My Joy. A new annual variety; flowers bright orange yellow with small cone center; they are not over 5 inches in diameter; very free flowering; splendid for cutting. Trade pkt., 40c.; \$2.50 per oz.

	Trade pkt.	Oz.
Bicolor Superba. Yellow, brown center; 2 feet....	\$0.15	\$0.50
Newmani. Yellow with purple cone; perennial; 2 feet.....	.25	1.25
Purpurea (Giant Purple Cone Flower). Reddish purple with large brown center; perennial; 4 feet....	.25	1.00

*Salvia, America***SALVIA** (Flowering Sage)

Much of the *Salvia* we offer has been saved from specimen plants grown at our own grounds at Andalusia, Pa. Seeds are plump, strong in germination and will give superior satisfaction.

Dwarf Fire King (*Michell's 1933 Novelty*). An extra early variety, flowering about four weeks earlier than other existing types; plants are of very compact habit; exceedingly dwarf and completely covered with medium sized, brilliant scarlet flowers. Trade pkt., 75c.; \$1.00 per ¼ oz.; oz. \$3.50.

	Trade Pkt.	Oz.
America or Globe of Fire. Of dwarf, bushy, compact growth, about 18 inches high; uniform in height and shape; early and continuous bloomer; brilliant scarlet flowers; one of the most popular sorts. (¼ lb., \$11.00)	\$0.50	\$3.00
Azurea Grandiflora. A perennial variety, producing spikes of sky blue flowers during August and September; 3 to 4 feet.	.40	2.00
Blue Bedder (<i>Novelty</i>). A new variety of <i>Farinacea</i> of very compact form; flowers of a deep blue shade; blooms profusely; perennial, flowering from seed the first year.	.40	2.50
Bonfire (<i>Clara Bedman</i>). Medium dwarf; compact growth. (¼ lb., \$7.00)	.40	2.00
Farinacea. A perennial variety, but best grown as an annual; color, light blue.	.40	2.00
Patens. Rich deep blue.	.50	3.00
Splendens. The old-fashioned tall variety; bright scarlet. (¼ lb., \$5.50)	.30	1.50
Zurich. Dwarf; very early flowering; intense scarlet flowers. (¼ lb., \$9.00)	.40	2.50

SALPIGLOSSIS (Painted Tongue)

Easily grown and useful summer flowering annuals; also suitable for greenhouse forcing; very showy flowers, excellent for cutting.

	Trade	pkt.	Oz.
Crimson and Gold	\$0.30		\$1.25
Primrose.....	.30		1.25
Purple and Gold.....	.30		1.25
Rose and Gold.....	.30		1.25
Scarlet and Gold.....	.30		1.25
White and Gold.....	.30		1.25
Emperor. Choice mixed; large flowering.....	.25		1.00

SAPONARIA

*Ocymoides. Splendid hardy plants for the rockery or border; rose colored flowers; 12 inches.....	.15	.60
Vaccaria Rosea. A profuse blooming annual with beautiful pink, feathery flowers. (¼ lb., 60c.; \$2.00 per lb.).....		.20
Vaccaria Alba. White. (¼ lb., 60c.; \$2.00 per lb.).....		.20

SAXIFRAGA

*Decipien Hybrids Mixed. A charming little perennial plant; excellent for the rockery.....	.50	6.00
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SCABIOSA (Mourning Bride)

Magnificent annuals of easy culture; invaluable for cutting; also excellent for beds or borders.

	Trade	pkt.	Oz.	¼ lb.
Giant Loveliness (<i>Novelty</i>). Flowers range through varying tones of delicate salmon rose; unsurpassed as a cut flower; very fragrant.....	\$0.25		\$1.50	
Grandiflora, Peach Blossom. Peach blossom pink.....	.15	.50	\$1.75	
“ Shasta. Pure white.....	.15	.50	1.75	
“ Azure Fairy. Light blue.....	.15	.50	1.75	
“ Cherry Red.....	.15	.50	1.75	
“ Flesh Pink.....	.15	.50	1.75	
“ King of the Blacks. Deep purple.....	.15	.50	1.75	
“ Rose.....	.15	.50	1.75	
“ White.....	.15	.50	1.75	
“ Choice Mixed.....	.15	.40	1.40	
Dwarf Double Mixed.....	.15	.40	1.40	

PERENNIAL VARIETIES

The seed of perennial *Scabiosa* is of slow germination; we would suggest sowing in peat moss and sand, making sure to keep moist and shaded.

	Trade	pkt.	Oz.
Caucasica, Giant Hybrids (<i>Isaac House Strain</i>). A splendid improvement in the <i>Caucasica</i> strain, flowers one third larger and with longer stems; colors range from light lavender to dark blue; excellent for florists use.....	\$0.50		\$4.00
Columbaria Anthemifolia. A low growing variety, producing large flowers from 2 to 2½ inches across; color, a delightful shade of pink; a valuable florists cut flower.....	.50		3.00
Caucasica. Light blue.....	.40		2.50
Caucasica Alba. White.....	.40		2.50
Japonica. Lavender blue.....	.15		.60

SCHIZANTHUS (Butterfly Flower)

Garraways' Hybrids. A beautiful strain for greenhouse, containing a wide range of colors.....	.40	2.00
Hybridus Grandiflorus. Dwarf; mixed colors....	.20	.75
Wisetonensis. Various colors; fine for pots.....	.25	1.00

SEDUM (Stonecrop)

*Acre. The well known yellow variety; very useful in the rock garden; perennial..... (¼ oz., \$1.50)	.75
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SENSITIVE PLANT (*Mimosa*)

Pudica. Flowers pinkish white.....	.15	.50
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SHAMROCK

True Irish (¼ lb., \$1.50)	.15	.50
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SHASTA DAISY

Trade pkt. Oz.
Alaska. Pure white, extra large flowers; excellent
 for cutting.....\$0.25 \$1.50

SIDALCEA

Rosy Gem. A handsome perennial; spikes of rosy
 pink flowers; 18 inches..... .25 1.50

SMILAX (*Myrsiphyllum Asparagoides*)

A desirable greenhouse climber of great value for floral decora-
 tions. Trade pkt., 15c.; 50c. per oz.; ¼ lb., \$1.50; \$5.00 per lb.

SNAPDRAGON. See *Antirrhinum*

SOLANUM

Trade pkt. Oz.
Christmas Pepper. An improved variety, pro-
 ducing quantities of miniature peppers, ranging
 in color from purple to brilliant red.....\$0.40 \$2.50
Cleveland Cherry. A grand acquisition to this class
 of plants; grows compact and produces scarlet ber-
 ries in great profusion..... .25 1.00



Statice, Sinuata

STATICE (*Everlasting Flower*)

Free flowering plants, valuable for cutting or decoration, either
 when fresh or in their dried state.

ANNUAL VARIETIES

Trade pkt. Oz.
Bonduelli. Golden yellow.....\$0.15 \$0.40
Sinuata, True Blue...... .15 .40
 " **Lavender.**..... .15 .40
 " **Rosea Superba.**..... .15 .40
 " **White.**..... .15 .40
 " **Mixed.**..... .15 .40
Suworowi (*Russian or Rat Tail*). Flowers bright
 rose color..... .20 .75

PERENNIAL VARIETIES

Dumosa (*Novelty*). A new perennial variety, growing 2½ feet
 high and producing dense clusters of very pretty silvery gray
 flowers; excellent for florists' use. Trade pkt., 75c.; \$5.00
 per oz.

Trade pkt. Oz.
Caspia. The most beautiful of all perennial Sea Lav-
 enders; very vigorous habit, with 3 foot stems, car-
 rying innumerable lilac flowers; wonderful subjects
 for effective table decoration.....\$0.50 \$2.50
Incana Hybrida. Dwarf..... .15 .60
Latifolia. Large deep blue flowers..... .30 1.25

STEVIA

Trade pkt. Oz.
Serrata. Fragrant white flowers.....\$0.30 \$1.50

STOCKS. See page 28

STOKESIA (*Cornflower Aster*)

One of the most desirable hardy perennial plants for the border
 and excellent for cutting. Trade pkt. Oz.

Cyanea. Lavender blue.....\$0.40 \$2.00

STRAWFLOWER. See *Helichrysum*

STREPTOCARPUS

Hybrids (*Gold Medal Strain*). Fine greenhouse plants,
 producing a dense cluster of trumpet shaped flowers,
 in a fine range of colors; seed sown in January and
 February, plants will flower in July..... 1.00

SUNFLOWER (*Helianthus*)**ANNUAL VARIETIES**

Trade pkt. Oz.
Chrysanthemum Flowered. Double yellow.....\$0.15 \$0.40
Cut and Come Again. Single yellow..... .15 .25
Double Globe (*Globosus Fistulosus*). Rich yellow... .15 .25
Dwarf Double (*Globe of Gold*). Deep yellow..... .15 .25
New Red. Extra large flowers; some are rich chest-
 nut red, others tipped with yellow..... .15 .40
Russian. Large yellow; single..... .15 .05
Stella. Single yellow, black center..... .15 .25

SWEET ROCKET (*Hesperis*)

Mixed. Purple and white fragrant flowers; hardy
 perennial; 3 feet..... .15 .50



Single Sweet William

SWEET WILLIAM (*Dianthus Barbatius*)

Trade pkt. Oz. ¼ lb.
 Elegant hardy perennials; 1½ feet.
Auricula Flowered. Single mixed.....\$0.15 \$0.50 \$1.75
Single Crimson..... .15 .50 1.75
Single Newport Pink. Salmon pink..... .25 1.00 3.50
Single Scarlet Beauty. Rich deep scarlet. .25 1.00 3.50
Single Velvety Maroon...... .15 .50 1.75
Single White...... .15 .50 1.75
Single Mixed. All colors..... .15 .35 1.25
Double Mixed. All colors..... .15 .60 2.25
Annual Single Mixed...... .30 1.25

EARLY OR WINTER FLOWERING VARIETIES

NOVELTIES

The following varieties just introduced have proven to be a great improvement in the Winter-flowering Spencer Sweet Peas.

Fragrance. This delightfully fragrant, new Sweet Pea is in our opinion superior to all other lavenders. Color a clear lavender self; flowers exceptionally large, beautifully frilled and of perfect Spencer form, with fours predominating, on enormous long, strong stems. A strong vigorous grower and very free bloomer. Per oz., \$1.50; \$5.00 per ¼ lb.; lb., \$16.00.

Miss Annie Laurie. A splendid novelty in the richest tone of pure rose pink ever introduced in a Sweet Pea; a marvelous improvement over all existing varieties in this shade; it has been described as just the color the florists want; long, strong stems with four large flowers; prolific and continuous bloomer. Per oz., \$1.50; \$5.00 per ¼ lb.; lb., \$16.00.

NEW VARIETIES
OF RECENT INTRODUCTION

	Oz.	¼ lb.	Lb.
Blue Bonnet. Deep blue, evenly distributed, without the slightest trace of mauve; long stems with four blossoms to a stem.....	\$0.50	\$1.50	\$5.00
Fascination. A wonderful early flowering variety, with the salmon rose-pink color of the famous late Hawlmark Pink, plus the long, strong stem of the early Jeanne Mamitsch.....	.75	2.50	8.00
Hope. The finest black seeded, pure white to date; flowers are of mammoth size, and well waved.....	.75	2.50	8.00
Lady Gay. A delightful shade of soft shrimp pink.....	.75	2.50	8.00
Majestic Rose. Deep brilliant rose pink, which is more evenly diffused than in any other variety in this color class.....	.75	2.50	8.00
Michell's Rose Wonder. A beautiful clear, sparkling rose-pink color on a light ground. Very brilliant under artificial light; flowers are immense.....	1.00	3.50	12.00
Peaches. A new shade of bright apricot rose, with a touch of lemon in the keel.....	.75	2.50	8.00
Satin Rose. A vigorous, large flowering, variety; color an exquisite blend of rose and amber.....	.75	2.50	8.00
Valencia. A bright orange in color and absolutely sun-proof; stems long and produce 3 and 4 large flowers to each stem.....	.75	2.50	8.00

GENERAL LIST

	Oz.	¼ lb.	Lb.
Amethyst. An early royal purple.....	\$0.40	\$1.40	\$4.80
Aviator. Flowers extra large; color, dazzling crimson scarlet.....	.40	1.40	4.80
Ball's Blue. Fine form; clear even blue....	.40	1.40	4.80
Ball's Orange. Intensive clear glowing orange	.60	1.75	6.00
Ball's Rose. Sparkling shade of deep rose..	.40	1.40	4.80
Blue Bird. A charming shade of blue.....	.40	1.40	4.80
Burpee's Orange. Clear glistening orange..	.40	1.40	4.80
Charm. Rich rose pink shading to lighter..	.40	1.40	4.80
Columbia. Salmon color standard; white wings.....	.40	1.40	4.80
Eldorado. Pure orange salmon.....	.50	1.50	5.00
Flamingo. Standard orange and salmon, wings orange-pink.....	.40	1.40	4.80
Florence Michell. An extra fine deep blue..	.60	1.75	6.00
Giant Rose. A large improved Zvolanek's rose color; an extra fine variety.....	.40	1.40	4.80
Glitters (Early Royal Scot). Standard bright fiery orange; wings deep orange.....	.40	1.40	4.80
Grenadier. Dazzling scarlet.....	.50	1.50	5.00
Harmony. A beautiful clear lavender.....	.40	1.40	4.80
Heather Bell. Rich, mauve lavender.....	.40	1.40	4.80
Jeanne Mamitsch. Flowers large, on long stems; color, a beautiful shade of rose pink..	.40	1.40	4.80
Lavender King. Rich, true deep lavender throughout; of large size and well waved....	.40	1.40	4.80
Madonna. Giant white; black seeded.....	.40	1.40	4.80
Morse's Superior Pink. A beautiful rose pink, slightly shaded salmon.....	.40	1.40	4.80
Mrs. Herbert Hoover (The California Blue). Flowers are clear blue; stems very long....	.50	1.50	5.00
Pink Profusion. A sparkling shade of rich pink; flowers large.....	.40	1.40	4.80
Rose Dore. A beautiful rose pink, suffused gold, orange shading.....	.40	1.40	4.80
Rose Queen. The flowers are borne on long stems, are of large size and free bloomers; usually four flowers are produced on a stem; color, a most attractive shade of rose pink. Greenhouse grown seed.....	1.00	3.50	12.00
Outdoor grown seed.....	.40	1.40	4.80
Snowstorm (Improved). One of the best early flowering white Sweet Peas to date....	.40	1.40	4.80
White Harmony. Black seeded; stems long, flowers large and pure paper white.....	.60	1.75	6.00
Zvolanek's Rose. Rose pink.....	.40	1.40	4.80
Mixed. Winter Flowering Spencer.....	.30	1.00	3.00

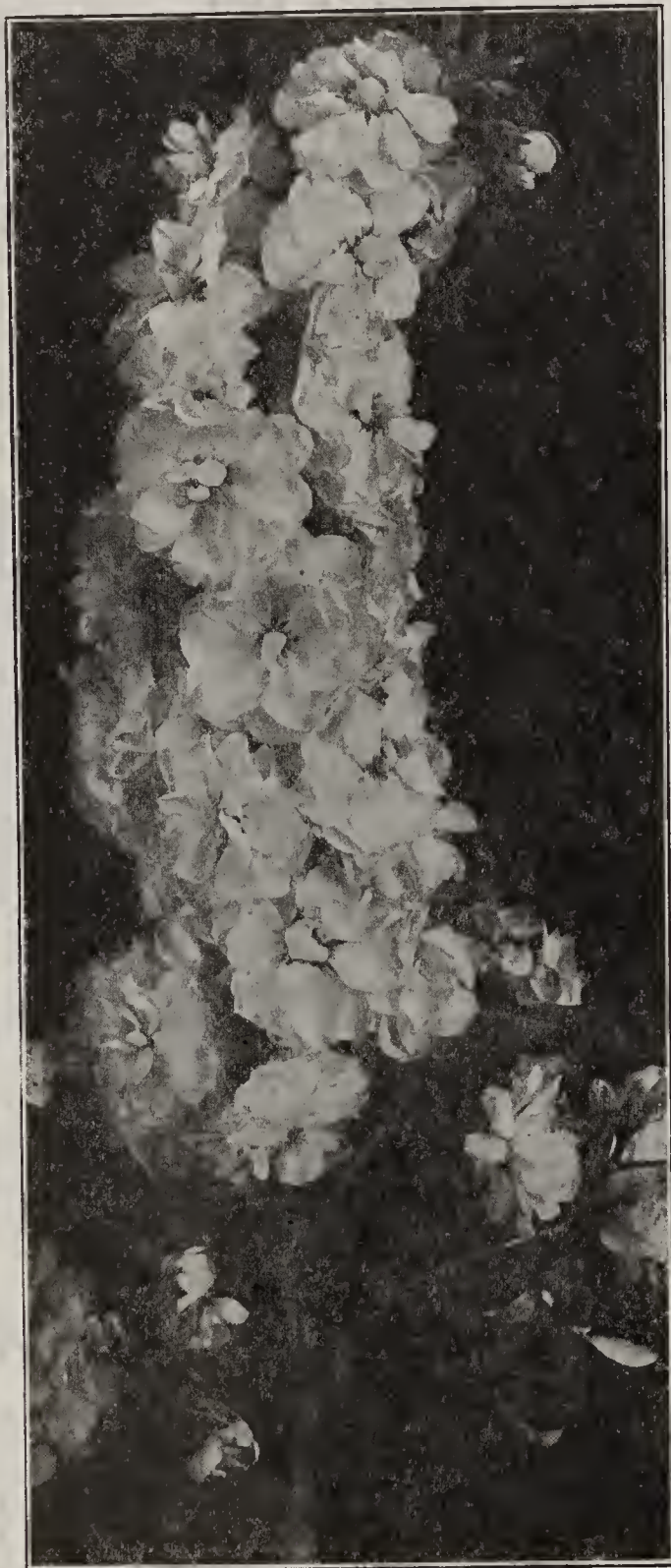
SUMMER FLOWERING VARIETIES

	Oz.	¼ lb.	Lb.		Oz.	¼ lb.	Lb.
Adorable. Salmon cerise on cream ground...	\$0.20	\$0.50	\$1.75	King Edward Spencer. Crimson scarlet...	\$0.20	\$0.50	\$1.75
Asta Ohn Spencer. Rich lavender.....	.20	.50	1.75	King White. Extra large; pure white.....	.20	.50	1.75
Austin Frederick Improved. Giant light lavender.....	.20	.50	1.75	Miss California. Orange salmon and carmine pink.....	.20	.50	1.75
Avalanche. Glistening pure white.....	.20	.50	1.75	Pinkie. Color, rose pink; extraordinary large flowers.....	.20	.50	1.75
Barbara. Superb self-colored salmon.....	.20	.50	1.75	Royal Purple. Rich purple.....	.20	.50	1.75
Blanche Ferry Spencer. Pink and white..	.20	.50	1.75	Royal Salute. Deep cerise.....	.20	.50	1.75
Constance Hinton. White; black seeded..	.20	.50	1.75	Snowball. A fine pure white variety.....	.20	.50	1.75
Countess Spencer. A lovely clear pink....	.20	.50	1.75	Tangerine Improved. Brilliant tangerine orange.....	.20	.50	1.75
Daffodil. The best yellow yet introduced...	.20	.50	1.75	Warrior. Rich maroon, flushed bronze.....	.20	.50	1.75
Daisybud. Apple blossom tints, suffused cream pink.....	.20	.50	1.75	Wedgewood. A lovely self blue.....	.20	.50	1.75
Defiance. Orange scarlet.....	.20	.50	1.75	Youth. Large white, pink picotee.....	.20	.50	1.75
Elfrida Pearson. Large shell-pink.....	.20	.50	1.75				
Fiery Cross. Intense orange scarlet.....	.20	.50	1.75				
Fluffy Ruffles. New giant-ruffled type; rose pink, salmon shading.....	.30	1.00	3.50				
Fortune. Rich dark blue.....	.20	.50	1.75				
Gleneagles. Large lavender.....	.20	.50	1.75				
Gold Crest. Orange, tinted salmon.....	.20	.50	1.75				
Hawlmark Lavender.....	.20	.50	1.75				
Hawlmark Pink.....	.20	.50	1.75				
Helen Lewis. Orange pink.....	.20	.50	1.75				
Hercules. Giant pure pink.....	.20	.50	1.75				
Huntsman. Bright scarlet.....	.20	.50	1.75				

SWEET PEAS IN MIXTURE

	Oz.	¼ lb.	Lb.
Michell's Superb Spencer. Blended from only the Giant Waved Spencer varieties including a number of new hybrids of exquisite colors and shades. (10 lbs., \$11.00)	\$0.15	\$0.40	\$1.25
Michell's Gilt Edge. Large flowering; represents every color and shade in sweet peas..... (10 lbs., \$5.00)	.10	.20	.60

Stocks are one of the most profitable flowers to raise, provided you sow the right strains. For years we have made a specialty of supplying "Distinctive" strains, which are easily distinguished by their superior quality, strong germination and a remarkably large percentage of double flowers.



Stock, Giant of California, Santa Maria

NEW STOCK GIANTS OF CALIFORNIA Santa Maria

A new giant double pure white variety, of exceptional merit; giant flowers on a long flowering truss; of splendid branching habit; the long stems of Santa Maria make it a very desirable cut flower for the florist. This stock will produce a very high percentage of doubles. Trade pkt., 75c.; \$2.25 per ¼ oz.; oz., \$8.00.

NEW GIANT DOUBLE EXCELSIOR

Column Type, Non-Branching

This new type of stocks produces one enormous spike 2 to 3 feet in height and is especially adapted for greenhouse culture, as the plants can be grown close together; blooms about ten days earlier than Bismarck and produces a high percentage of doubles. We offer a select list of the most popular colors.

	Trade	pkt. ¼ oz.	Oz.
Light Blue.....	\$0.75	\$2.25	\$8.00
Purple.....	.75	2.25	8.00
Rose.....	.75	2.25	8.00
Ruby. Rich dark ruby red.....	.75	2.25	8.00
Silvery Lilac.....	.75	2.25	8.00
White.....	.75	2.25	8.00

EARLY GIANT IMPERIAL

(Improved Bismarck)

A splendid addition to the early forcing class; of tall branching habit, 24 to 30 inches high and produce a very high percentage of double flowers.

	½ trade	Trade	Oz.
	Pkt.	Pkt.	
Antique Copper (<i>New</i>). Rich hellebore red, a new and attractive shade.....	\$0.50	\$0.75	\$4.00
Apple Blossom. Blush pink.....	.30	.50	3.00
Canary Yellow (<i>Golden Ball</i>).....	.30	.50	3.00
Chamois. Ivory tinted old rose.....	.30	.50	3.00
Elk's Pride. Intense royal purple.....	.50	.75	4.00
Fiery Blood Red. Extra fine.....	.30	.50	3.00
Golden Rose.....	.50	.75	4.00
Lavender.....	.30	.50	3.00
Rose Pink.....	.30	.50	3.00
White.....	.30	.50	3.00
Mixed Colors.....	.30	.50	2.50

MICHELL'S EARLY FLOWERING "NICE"

A branching stock literally covered with blooms, which appear earlier than in any other strain. The colors are very distinct, so much so that they are not reproduced in any other strain.

	½ trade	Trade	Oz.
	Pkt.	Pkt.	
Beauty of Nice. Charming delicate pink...	\$0.30	\$0.50	\$2.50
Crimson King. Deep red.....	.30	.50	2.50
Midsummer Night. Deep dark violet....	.30	.50	2.50
Mont Blanc. Pure white.....	.30	.50	2.50
Monte Carlo. Canary yellow.....	.30	.50	2.50
Old Rose. Extra fine.....	.30	.50	2.50
Queen Alexandra. Delicate lavender.....	.30	.50	2.50
Choice Mixed. All colors.....	.30	.50	2.00

LARGE FLOWERING DWARF TEN WEEK

For bedding there is nothing more effective; dwarf compact plants with fine spikes and producing a large percentage of double flowers.

	½ trade	Trade	Oz.
	pkt.	pkt.	
Blood Red.....	\$0.25	\$0.40	\$2.25
Crimson.....	.25	.40	2.25
Dark Blue.....	.25	.40	2.25
Light Blue.....	.25	.40	2.25
Pink.....	.25	.40	2.25
White.....	.25	.40	2.25
Yellow.....	.25	.40	2.25
Mixed.....	.25	.40	2.00

Half trade packets are only supplied where listed

TAGETES

Trade pkt. Oz.

Signata Pumila. A fine bedding plant; flowers golden yellow.....\$0.15 \$0.75

THALICTRUM (Meadow Rue)

Hardy perennial plants, with finely cut foliage.

Aquilegifolium. Columbine-like foliage; feathery white flowers; 3½ feet..... .40 2.00

Dipterocarpum. Flowers rosy purple, with yellow anthers; fine for cutting; 4 feet..... .50 3.00

THERMOPSIS

Caroliniana. A splendid perennial, 3 to 5 feet high and producing racemes of yellow, lupin-like flowers, 6 to 12 inches long..... .75 3.00

THUNBERGIA (Black Eyed Susan)

A very useful vine for baskets, vases, etc.

Mixed Colors..... .20 .60

TITHONIA

Speciosa (Mexican Sunflower). A native of Mexico; the flowers are large and remind one of a large single Zinnia; color dazzling orange scarlet; make a very salable cut flower..... .25 1.50

TORENIA

Excellent for bedding, also for baskets, window boxes, etc.

Trade pkt. Oz.

Fournieri Grandiflora. Blue.....\$0.40 \$2.50

TRITOMA (Red Hot Poker)

Hybrida Mixed. Perennial; 2 feet..... .30 1.25

TROLLIUS (Globe Flower)

Hybridus. Bright yellow, buttercup-shaped flowers; perennial; 2 feet..... .75 4.50

TUNICA

***Saxifraga.** A low growing hardy perennial with slender foliage and innumerable tiny star-like pale pink flowers; an excellent rock plant; 4 to 6 inches.. .20 .75

***VIOLAS OF SPECIAL MERIT**

Trade pkt.

Arkwright Ruby (Novelty). This new variety is of the large flowered type; color a beautiful bright rosy crimson, with terra cotta shadings, making it a very outstanding variety, with the added attraction of being very fragrant..... (3 pkts., \$2.00) \$0.75

Yellow Queen (Novelty). Another large flowered type; color deep pure yellow and coming practically 100% true from seed; plants are of robust habit and of a very free flowering nature; a decided acquisition to the Viola group..... (3 for \$2.00) .75

Jersey Gem. This is the most popular and free blooming of all the Violas; color pure rich violet; of dwarf habit and continuously in bloom..... .75

***VIOLA CORNUTA (Tufted Pansies)**

Trade pkt. Oz.

Admiration. Dark blue.....\$0.40 \$2.00

Trade pkt. Oz.

Apricot Queen. One of the finest of the Violas; color a beautiful rich apricot yellow, tinged orange; flowers large; plants robust and very free blooming.....\$0.75 \$7.00

Trade pkt. Oz.

Mauve Queen. Lovely mauve color.....\$0.40 \$2.00

Perfection. Light blue..... .40 2.00

Rose Queen. Compact habit; rosy pink flowers.... .50 3.00

White Perfection. Pure white..... .40 2.00

Yellow Perfection. Golden yellow..... .40 2.00

Mixed. All colors..... .30 1.75

Bosniaca (Johnny Jump-up). Free bloomer; small leaves, purple flowers..... .40 2.50

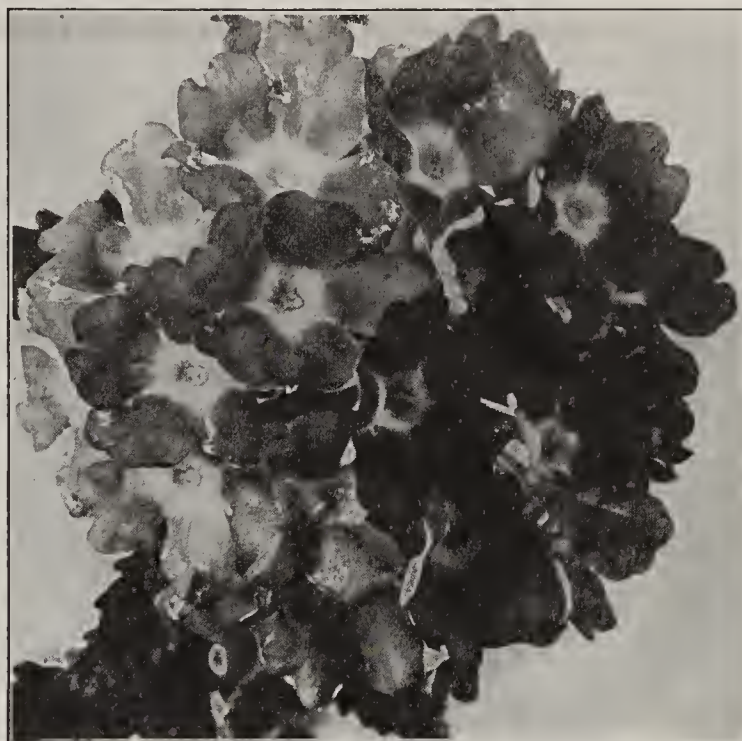
All of the above Violas are suitable for the rock garden.

VIOLET (Viola Odorata)

Single Blue Czar (Hardy Garden Violet). Seed is of slow germination and should be sown in the Fall and left outdoors over Winter..... .50 4.00

VIRGINIAN STOCK

Mixed. An easy growing border annual..... .15 .25



Verbena, Lavender Glory

MICHELL'S VERBENAS

Our Mammoth Fancy Strain of this popular bedding plant cannot be excelled for its free flowering qualities, large size and purity of colors. Seed should be sown early in order to get good plants for spring sales.

Trade pkt. Oz. ¼ lb.

Beauty of Oxford Hybrids (1933 Novelty).

This is a splendid giant hybrid, resulting from a cross between Luminosa and Beauty of Oxford; the color shades from clear rose pink to rose red, making this the brightest rose Verbena ever produced from seed; the individual florets measure over one inch in diameter. See illustration, page 5. (Originator's stock seed)..... (¼ oz., \$2.00) \$0.50

Grandiflora, Lavender Glory (Novelty).

This novelty is the most glorious color in Verbenas, a true lavender with a medium size, creamy white eye; the individual floret will cover a fifty cent piece; very fragrant.. .50 \$6.00

Newport Salmon (Michell's).

A splendid giant flowering, true salmon pink with white eye; extra large florets; comes absolutely true from seed..... .40 2.50

***Fireball.**

Grows about 6 inches high and is literally covered with bright scarlet blooms; excellent for borders and pot plants..... .50 3.00

Etna.

The finest and brightest color in verbenas, an intense Geranium red, with small yellow eye..... .30 1.50

Luminosa.

Gigantic blooms of flame pink, toning to softer shades of pink and coral... .30 1.50

Lucifer.

Large cardinal red flowers..... .30 1.50

Royale.

Rich, deep royal blue flowers of enormous size, with creamy yellow eye.... .40 2.00

Mammoth Fancy Golden Queen

..... .30 1.50 \$5.00

" " Helen Willmott.

Bright pink..... .30 1.50 5.00

" " Purple Mantle.

Purple.. .30 1.50 5.00

" " Blue shades

..... .30 1.50 5.00

" " Pink shades

..... .30 1.50 5.00

" " Scarlet shades

..... .30 1.50 5.00

" " Striped

..... .30 1.50 5.00

" " Pure White

..... .30 1.50 5.00

" " Yellow shades

..... .30 1.50 5.00

" " Mixed

..... .25 1.00 3.75

Erinoides (Moss Verbena).

Fine for baskets, etc., purple flowers..... .25 1.00

Lemon Scented (Aloysia Citriodora)

..... .50 3.00

Venosa.

Heliotrope-blue; fine for bedding.. .25 1.00

Varieties marked * are especially suitable for rock gardens

(ww)

MICHELL'S "DISTINCTIVE" ZINNIAS

We claim perfection in form, size and color for our strain of Zinnias, as those who grow them will attest.



Zinnia, Giant Dahlia Flowered

GIANT DAHLIA FLOWERED ZINNIAS

Flowers are distinct from the ordinary Giant Flowered class, being of a true Dahlia flowering type. Flowers extra large; excellent for growing under glass for cutting.

	Trade pkt.	Oz.
Buttercup. Deep creamy yellow.....	\$0.25	\$1.25
Crimson Giant.....	.25	1.25
Dream. Deep lavender, turning to purple.....	.25	1.25
Exquisite. Light rose, center deep rose.....	.25	1.25
Golden Dawn. Bright golden yellow.....	.25	1.25
Golden State. Orange yellow.....	.25	1.25
Luminosa. A new shade of clear bright pink.....	.25	1.25
Old Rose.....	.25	1.25
Oriole. Orange and gold.....	.25	1.25
Polar Bear. Pure white.....	.25	1.25
Purple Prince. Deep purple.....	.25	1.25
Scarlet Flame. Bright scarlet and orange.....	.25	1.25
Mixed Colors.....(¼ lb., \$3.50)	.20	1.00

VALERIANA (Garden Heliotrope)

	Trade pkt.	Oz.
Mixed. Hardy perennial border plant, with large fragrant flowers; fine for bouquets; 3 feet.....	\$0.15	\$0.60

VERONICA (Speedwell)

A showy, hardy perennial border plant of easy culture; fine for bouquets.

	Trade pkt.	Oz.
Longifolia Subsessilis. Long spikes of rich blue flowers; 2½ feet.....	\$0.30	\$1.50

*Repens. A splendid dwarf perennial rock plant, with masses of bright blue flowers; 4 inches.....	.50	4.00
Spicata. Bright blue; 1½ feet.....	30	1.50

VINCA

An excellent bedding plant; seed should be sown early.

	Trade pkt.	Oz.	¼ lb.
Alba. White, with rose center.....	\$0.25	\$1.00	\$3.50
Alba Pura. Pure white.....	.25	1.00	3.50
Rosea. Pink.....	.25	1.00	3.50
Mixed.....	.20	.75	2.50

ROBUSTA OR GIANT ZINNIAS

	Trade pkt.	Oz.	¼ lb.
Buttercup. Deep yellow.....	\$0.20	\$0.75	\$2.50
Crimson.....	.20	.75	2.50
Flesh Color.....	.20	.75	2.50
Golden Yellow.....	.20	.75	2.50
Orange.....	.20	.75	2.50
Purple.....	.20	.75	2.50
Rose King.....	.20	.75	2.50
Salmon.....	.20	.75	2.50
Scarlet.....	.20	.75	2.50
Shrimp Pink.....	.20	.75	2.50
Sulphur Yellow.....	.20	.75	2.50
Violet.....	.20	.75	2.50
White.....	.20	.75	2.50
Choice Mixed.....	.15	.50	1.75

LILLIPUT ZINNIAS

Beautiful miniature perfectly double flowers; splendid for bedding.

	Trade pkt.	Oz.
Canary Yellow.....	\$0.15	\$0.75
Crimson Gem.....	.15	.75
Golden Gem.....	.15	.75
Salmon Rose.....	.15	.75
Scarlet Gem (Red Riding Hood).....	.15	.75
White Gem.....	.15	.75
Mixed Colors.....	.15	.60

DWARF DOUBLE ZINNIAS

	Trade pkt.	Oz.	¼ lb.
Crimson.....	\$0.15	\$0.50	\$1.75
Pink.....	.15	.50	1.75
Salmon Rose.....	.15	.50	1.75
Scarlet.....	.15	.50	1.75
White.....	.15	.50	1.75
Yellow.....	.15	.50	1.75
Mixed.....	.15	.40	1.25

VARIOUS ZINNIAS

Pumila Picotee "Delight." An extra select variety in light and deep salmon shades. See page 5 for illustration and description..	.40	2.00	
Curled and Twisted Mixed. Petals curiously twisted and curled.....	.20	.60	2.25
Giant Picotee. Golden Pheasant. Large double flowers; color, gold ground, each petal tipped with maroon.....	.30	1.50	5.50
Giant Picotee. Mixed colors.....	.30	1.25	4.50

WALLFLOWER

	Trade pkt.	Oz.
Double Brown.....(¼ oz., \$1.50)	\$0.40	
" Yellow.....(¼ oz., 1.50)	.40	
" Mixed.....	.40	\$3.00
Early Flowering Double Mixed. An extra early variety, flowering from seed in 90 days.....	.30	1.50
Paris Extra Early Mixed. Single flowering; blooms the first year from seed; excellent for forcing.....	.15	.40
Single Mixed.....(¼ lb., 75c.)	.15	.25

XERANTHEMUM (Everlasting Flower)

	Trade pkt.	Oz.
Double Mixed. Annual, for winter bouquets.....	\$0.15	\$0.50

YUCCA (Adam's Needle)

Filamentosa. A perennial used as individual speci- mens in the lawn or shrubbery border; spikes 4 to 5 feet high with creamy white, bell-shaped flowers...	.25	.75
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MIXED OR WILD FLOWER GARDEN SEED

A mixture of annuals containing a large number of varieties of easy growing and interesting flowers. Lb., \$1.25; 15c. per oz.

FOR MARKET GARDENERS

In line with our usual custom, we have taken from our general list certain specially meritorious varieties of vegetable seeds to which we call, on this and the succeeding page, special attention. Planters will do well to include these sorts in their seed order.



Beet, Detroit Dark Red (Special Strain)

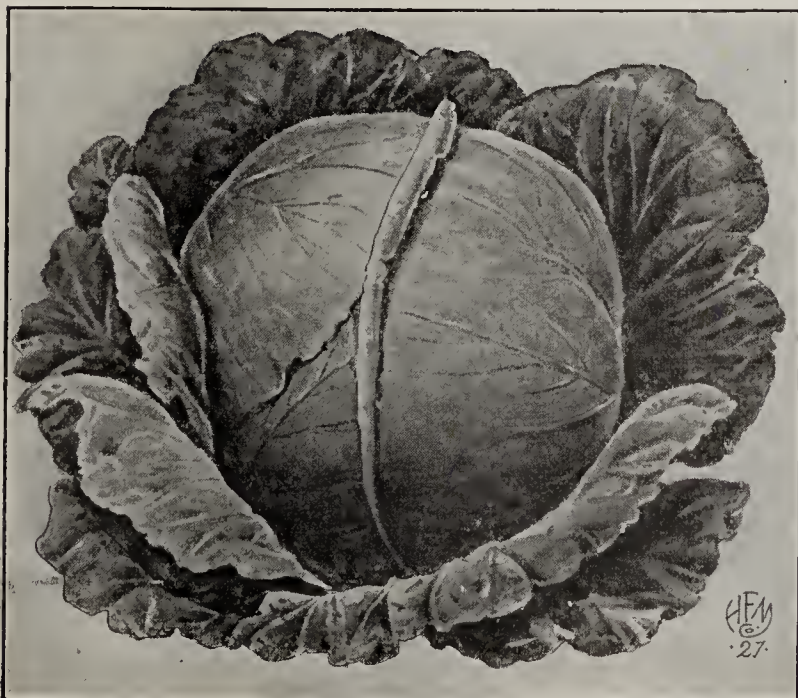
BEET, DETROIT DARK RED

(Michell's Special Strain)

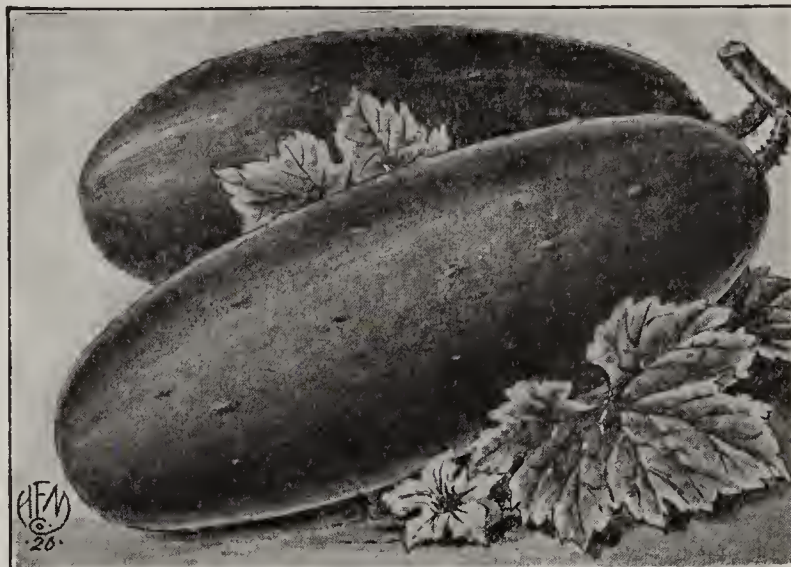
A selected strain of this valuable market gardeners' variety. Early, globe-shaped, good size, smooth and of a dark blood red color; flesh deep vermilion red, zoned with a lighter shade of the same color; of excellent quality, and a desirable sort for canning. Suitable for fall use as well as for spring. 10c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.; 5 lbs., \$6.00; \$11.50 per 10 lbs., postpaid.

CABBAGE, GOLDEN ACRE

Plants of dwarf habit; heads medium size, averaging 5 lbs. in weight; round, solid and with but few outer leaves, therefore suitable for close planting. Follows the Baby Head in earliness, yet 10 days earlier than Copenhagen Market. 35c. per oz.; $\frac{1}{4}$ lb., \$1.15; \$4.25 per lb., postpaid.



Golden Acre Cabbage



EARLY MARKET CUCUMBER

Retains its dark green color.

One of the best cukes for those who plant for profit; early, uniform in shape and size and averaging 8 inches long; dark green in color. If you want a real fancy cucumber, that will bring top prices, plant this one. 15c. per oz.; $\frac{1}{4}$ lb., 45c.; \$1.50 per lb., postpaid.

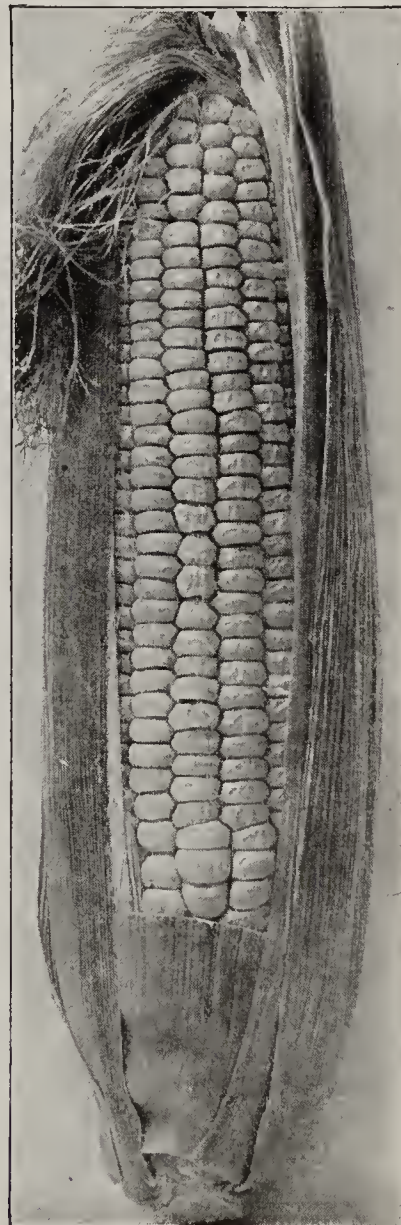
SUGAR CORN

Philadelphia Favorite

This grand variety is of Pennsylvania origin, having been marketed in Philadelphia and vicinity for a number of years. Our original seed stock was procured from one of our customers and after reselecting it for several years for earliness, size and quality, we offer our customers a variety of special merit. Stalks grow to a height of $4\frac{1}{2}$ to 5 feet and produce two to three nice ears to the stalk, averaging 8 to 9 inches in length. The wide kernels are pearly white and deliciously sweet. Matures in 75 to 78 days, depending on location. 30c. per lb. (by parcel post, 40c.); 2 lbs., 55c. (by parcel post, 65c.); \$1.25 per 5 lbs. (by parcel post, \$1.40); 10 lbs., \$2.30 (by parcel post, \$2.50); \$5.25 per 25 lbs.; 100 lbs., \$18.00.

LETTUCE, GRAND RAPIDS

The leading variety in this class for forcing under glass, but it may also be grown successfully outdoors. The leaves are curly, crisp and brittle, and of fine flavor. We pay particular attention to the seed stock, therefore offer a strain of especial merit. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.35 per lb., postpaid.



Sugar Corn, Philadelphia Favorite

MICHELL'S VEGETABLE SEED SPECIALTIES

FOR MARKET GARDENERS



Tomato, The Pritchard

WATERMELON, TANGERINE

A fine melon for the market or home garden; oval in shape with mottled stripes of light green; flesh a decided pink and of finest quality. When the thin rind is broken, the flesh separates the same as a tangerine. Quite a demand has been created for this on the roadside market stands. Pkt., 15c.; 35c. per oz.; $\frac{1}{4}$ lb., 85c.

SPINACH

BLOOMSDALE LONG STANDING SAVOY

The long standing characteristics of this variety make it valuable for spring sowing; stands considerable heat before bolting to seed; the leaves are thick, crimped and fleshy. 15c. per $\frac{1}{4}$ lb.; lb., 40c.; 5 lbs., \$1.75; \$3.00 per 10 lbs.; 25 lbs., \$6.25; \$19.00 per 100 lbs.

TOMATO, THE PRITCHARD

The last origination of the late Dr. Pritchard of the U. S. Dept. of Agriculture. Undoubtedly the best of all recent introductions; the shape and outside color compare favorably with Break O'Day; color inside is dark red; a good canning sort as well as a fine variety for slicing. 35c. per $\frac{1}{2}$ oz.; oz., 60c.; \$2.10 per $\frac{1}{4}$ lb.; lb., \$8.00.

TURNIP, JAPANESE FOLIAGE

The root or bulb as well as the top is edible; the top when cooked is very juicy, tender and of a mild turnip flavor. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 60c. per lb.; 5 lbs., \$2.75; \$5.00 per 10 lbs.

NOTE—All seeds offered on this page (excepting Beans) mailed postpaid at prices quoted, in quantities up to 10 pounds.

ITALIAN AND AMERICAN VEGETABLES

Especially selected as varieties which are used extensively by the Italian people.



Early Green Calabrese Broccoli

CUCUMBER (Citriolo)

Early Market. One of the best cukes for those who plant for profit; early, uniform in shape and size and averaging 8 inches long; dark green in color. 15c. per oz.; $\frac{1}{4}$ lb., 45c.; \$1.50 per lb.

DANDELION (Dente de leone)

Thick Leaved or Cabbaging. A valuable vegetable grown in quantities for the New England markets, where it is prized as the first spring greens. The leaves are boiled and served hot or cold. 50c. per oz.; $\frac{1}{4}$ lb., \$1.60; \$6.00 per lb.

FLORENCE FENNEL (Finocchio)

A delicious Italian vegetable which tastes quite like Celery, but is a little sweeter and more delicate in flavor. The enlarged leaf bases are usually boiled in preparation for the table. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

ONION (Cipolla)

White Barletta or Marvel of Pompeii. An extra early, small round variety, used principally for pickling, also for bunching. 20c. per oz.; $\frac{1}{4}$ lb., 60c.; \$2.25 per lb.

PARSLEY (Prezzemolo)

Plain or Single. Plant very hardy, leaves not curled. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb; 5 lbs., \$4.75; \$9.00 per 10 lbs.

ITALIAN ROCKET OR RUCOLA

Greatly relished in salads and quite tasty in soups; the leaves resemble sorrel; slightly pungent, but flavor is distinct and appetizing. 30c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.; 5 lbs., \$14.75.

SQUASH (Zucca)

Cocozelle or Italian. This is a bush variety with smooth fruits, dark green in color, striped lighter. 10c. per oz.; $\frac{1}{4}$ lb., 35c.; \$1.25 per lb.; 5 lbs., \$6.00.

BROCCOLI (Broccoli)

Early Green Calabrese. This is the variety so much sought for by the Italian trade and has become quite popular in our American gardens; fair sized green head; after this is cut from main stalk, new sprouts develop, which form small loose heads. 40c. per oz.; $\frac{1}{4}$ lb., \$1.35; \$5.00 per lb.

DWARF BEAN (Fagiuoli Nana)

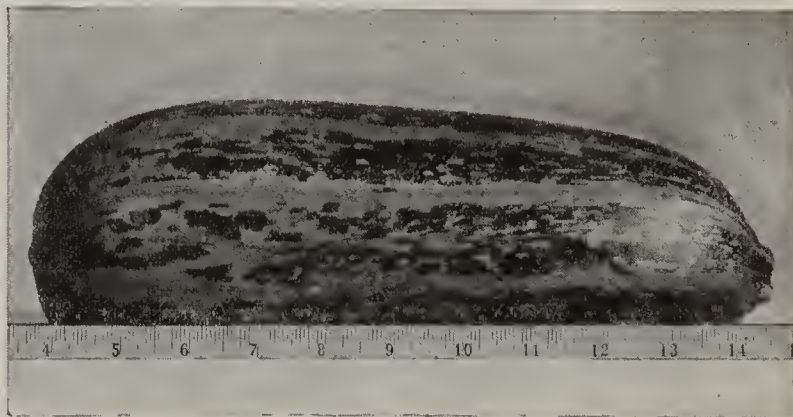
Dwarf Horticultural. One of the best early shell beans grown; the thick, flat, stringless pods are colored red and green; the bean is large, round and speckled. 25c. per lb. (by parcel post, 35c.); 2 lbs., 45c. (by parcel post, 55c.); \$1.00 per 5 lbs. (by parcel post, \$1.15); 10 lbs., \$1.80 (by parcel post, \$2.00); \$4.00 per 25 lbs.; 100 lbs., \$14.00.

CABBAGE (Cavola Cappuccio)

Perfection Drumhead Savoy. A crimped-leaved sort; color deep glossy green; head almost round and distinctly flavored. 30c. per oz.; $\frac{1}{4}$ lb., 80c.; \$2.75 per lb.

ENDIVE (Indivia)

Escarolle or Broad Leaved Batavian. Leaves broad, light green, nearly plain. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.; 5 lbs., \$6.00.



Squash, Cocozelle

ASPARAGUS

Asperge (Fr.); Spargel (Ger.); Spargio (Ital.). Sow 5 lbs. per acre for roots, or 1 oz. to 50 ft.

Our cultural Leaflet on Asparagus mailed free on request.

Michell's Giant Argenteuil (*French Grown Seed*). An early and productive variety; long spears often two inches in diameter, of which every part when boiled is tender and delicious. Color, pure white with greenish purple tips. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.; 5 lbs., \$3.50; \$6.50 per 10 lbs.

Barr's Mammoth. Produces heavy, stout spears of delicious flavor. Remains green when cooked. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.; 5 lbs., \$3.50; \$6.50 per 10 lbs.

Palmetto or Eclipse. One of the earliest; produces uniform spears; prolific. Color, green. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.; 5 lbs., \$3.50; \$6.50 per 10 lbs.

Pedigreed Washington. A rust-resisting variety, originally developed by the U. S. Department of Agriculture; long stout spears, which are of a dark green color with a rich purple tinge. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.75; \$9.00 per 10 lbs.

ASPARAGUS ROOTS

(Ready about March 20th)

4000 to 6000 roots are required for an acre.

We make a specialty of Asparagus Roots, having them grown for us in large quantities. Special prices can be quoted in large lots.

	2 Year Old Roots	
	100 By P.P.	1000
Barr's Mammoth.	\$1.00	\$1.15 \$8.50
Giant Argenteuil..	1.00	1.15 8.50
Palmetto or Eclipse.....	1.00	1.15 8.50
Washington.....	1.25	1.40 10.50

ARTICHOKE

Artichaut (Fr.); Artischoke (Ger.); Articiocca (Ital.). 1 oz. will produce about 500 plants.

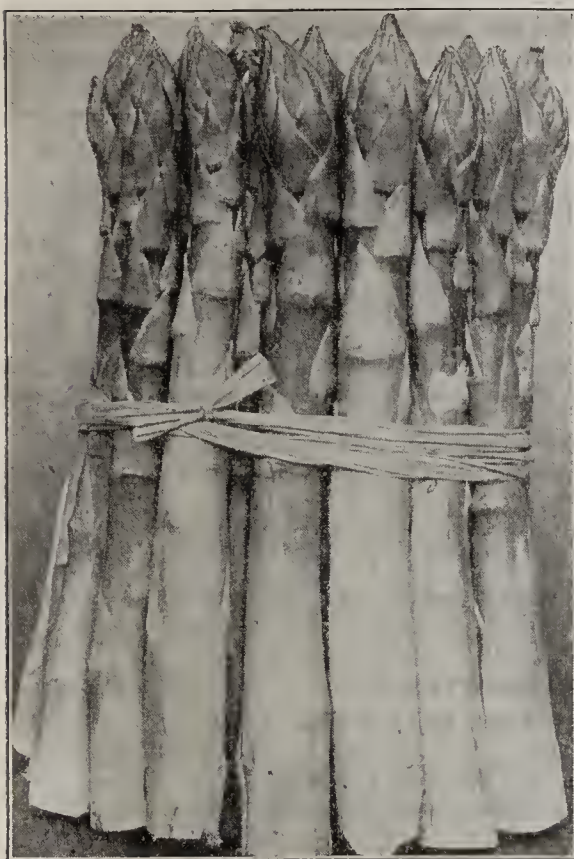
Green Globe. The best for market and for general culture. 40c. per oz.; $\frac{1}{4}$ lb., \$1.30; \$5.00 per lb.

For Artichoke Plants and Roots see page 51.

ASPARAGUS

(Hexamer)

Its culture for market and home use; very comprehensive.
Price, \$1.10



Washington Asparagus

MICHELL'S DWARF BEANS

Haricots Nains (Fr.)

Buschbohnen (Ger.)

Fagioli Nani (Ital.)

Plant 90 lbs. per acre. 2 lbs. will plant a 100 ft. row.

If Beans are wanted by Parcel Post, add for postage as follows: 10c. for 1 lb.; 10c. for 2 lbs.; 15c. for 5 lbs.; 20c. for 10 lbs., up to and including the second zone; for other zones, please add additional postage; larger quantities by express or freight.

GREEN POD VARIETIES

Bountiful. An early flat-podded sort; stringless, tender and a prolific bearer. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.20; \$4.25 per 25 lbs.; 100 lbs., \$14.00.

Early Mohawk. This variety can be planted before any other sort, being quite hardy; large cropper; flat pod. 40c. per lb.; 2 lbs., 75c.; \$1.65 per 5 lbs.; 10 lbs., \$3.00; \$6.25 per 25 lbs.; 100 lbs., \$20.00.

Early Red Valentine. An extra early variety, maturing a crop in 45 to 50 days; pods 5 to 6 inches long, round, thick, tender and of good quality. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.80; \$3.75 per 25 lbs.; 100 lbs., \$12.00.

Improved Stringless Green Pod. A round podded sort; early, prolific and a continuous bearer; pods 5 to 6 inches long, slightly curved, very meaty; even when the pods become quite old they retain their stringless qualities. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.00; \$4.25 per 25 lbs.; 100 lbs., \$14.00.

Mammoth or Giant Stringless. A great producer of large, round pods, from $5\frac{1}{2}$ to $6\frac{1}{2}$ inches long; a good one for the market or home garden. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.80; \$4.00 per 25 lbs.; 100 lbs., \$14.00.

Masterpiece. A large flat podded variety especially suited for growing under glass, though it may be planted successfully out of doors; pods long; very prolific. 45c. per lb.; 2 lbs., 85c.; \$2.00 per 5 lbs.; 10 lbs., \$3.80; \$9.00 per 25 lbs.; 100 lbs., \$34.00.

Stringless Black Valentine. Pods long and slender, semi-round and well flavored, absolutely stringless. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.00; \$3.75 per 25 lbs.; 100 lbs., \$13.00.

Triumph of the Frames. For forcing under glass, or for outdoor planting; very early; plants dwarf, compact and produce a mass of long, pale green pods of excellent quality. 45c. per lb.; 2 lbs., 85c.; \$2.00 per 5 lbs.; 10 lbs., \$3.80.



Bountiful Bean

SEMESAN

Disinfection of bean seeds by dusting with Semesan destroys surface-borne seed diseases and increases stand and yield. See page 99.

If Beans are wanted by Parcel Post, add for postage as follows: 10c. for 1 lb.; 10c. for 2 lbs.; 15c. for 5 lbs.; 20c. for 10 lbs., up to and including the second zone; for other zones, please add additional postage; larger quantities by express or freight.



Stringless Refugee Wax Bean

WAX OR YELLOW PODDED VARIETIES

Black Wax (Pencil Pod Strain). A round podded, hardy sort; entirely stringless; very early and desirable. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.80; \$4.00 per 25 lbs.; 100 lbs., \$14.00.

Improved Rust-Proof Golden Wax. A vigorous grower and rust-resisting, making it one of the best of the wax beans; pods flat, medium length, good quality. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.80; \$4.00 per 25 lbs.; 100 lbs., \$14.00.

Round Podded Kidney Wax. A vigorous grower; fleshy pods; stringless and rust-proof; very early. 35c. per lb.; 2 lbs., 65c.; \$1.50 per 5 lbs.; 10 lbs., \$2.50; \$5.00 per 25 lbs.; 100 lbs., \$15.00.

Stringless Refugee Wax. Round podded; of upright growth and of splendid quality. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.80; \$4.00 per 25 lbs.; 100 lbs., \$14.00.

Sure Crop Stringless Wax. This is worthy of a trial in your garden; long, thick, flat pods of excellent quality. 30c. per lb.; 2 lbs., 55c.; \$1.20 per 5 lbs.; 10 lbs., \$2.10; \$4.50 per 25 lbs.; 100 lbs., \$14.00.

Wardwell's Kidney Wax. A favorite market bean; long, thick, flat pods; medium early. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.80; \$4.25 per 25 lbs.; 100 lbs., \$16.00.

DWARF VARIETIES OF SHELL BEANS FOR WINTER USE

Boston Navy or Pea. For soup and baking purposes. 20c. per lb.; 2 lbs., 35c.; 75c. per 5 lbs.; 10 lbs., \$1.40; \$3.25 per 25 lbs.; 100 lbs., \$10.00.

Broad Windsor. An English bean used in the dry state, shelled. 40c. per lb.; 2 lbs., 75c.; \$1.75 per 5 lbs.; 10 lbs., \$3.30.

Dwarf Horticultural. One of the best early shell beans; thick, flat, stringless pods, colored red and green; the bean is large, round and speckled. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.80; \$4.00 per 25 lbs.; 100 lbs., \$14.00.

Red Kidney. A well-known variety of Winter shell beans; pods long, kidney-shaped, light red in color and produced in great numbers. 20c. per lb.; 2 lbs., 35c.; 75c. per 5 lbs.; 10 lbs., \$1.40; \$3.25 per 25 lbs.; 100 lbs., \$12.00.

White Marrowfat. Somewhat larger than the Boston Navy or Pea and extensively planted for shelling for Winter or for using in the green state. 20c. per lb.; 2 lbs., 35c.; 75c. per 5 lbs.; 10 lbs., \$1.40; \$3.25 per 25 lbs.; 100 lbs., \$12.00.

HANDBOOK OF FERTILIZERS (Gustafson)

A valuable book for market gardeners and florists. Price, \$1.25.

BUSH OR DWARF LIMA BEANS

Bush Limas should be planted for early crops, as they come into bearing much sooner; however they are not so prolific as the pole varieties.

Burpee's Improved Bush Lima. A great improvement over the old strain of Burpee's Bush Lima; the bean is thicker, sweeter, earlier and more prolific. 35c. per lb.; 2 lbs., 65c.; \$1.50 per 5 lbs.; 10 lbs., \$2.80; \$6.25 per 25 lbs.; 100 lbs., \$22.00.

Fordhook. One of the best types of bush limas; of distinct, upright growth; pods are borne in clusters well above the ground and frequently contain as many as four luscious beans. Matures early and continues in bearing till frost. 40c. per lb.; 2 lbs., 75c.; \$1.75 per 5 lbs.; 10 lbs., \$3.30; \$7.25 per 25 lbs.; 100 lbs., \$25.00.

Henderson's. Large clusters of pods, containing small flat beans; a favorite sort for canning, but we cannot recommend it for flavor. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.80; \$4.00 per 25 lbs.; 100 lbs., \$14.00.

Wilson's Improved. Claimed to be 2 weeks earlier than Burpee's Improved Bush Lima; also much more prolific. 35c. per lb.; 2 lbs., 65c.; \$1.50 per 5 lbs.; 10 lbs., \$2.80; \$6.25 per 25 lbs.; 100 lbs., \$22.00.

INOCULATING BACTERIA FOR GARDEN BEANS

Stimugerm. Designed to make legumes to which family of plants beans belong, more prolific in growth and production. When ordering, be sure to specify that it is wanted for garden beans. Garden size, 25c.; 1/4 bu. size, 35c.; 1 bu. size, 60c.; 2 bu. size, \$1.00; 5 bu. size, \$2.25.



Fordhook Bush Lima

Haricots a rames (Fr.); Stangenbohnen (Ger.); Fagiuoli (Ital.)

One pound of seed will plant 150 to 200 hills; it requires about 20 pounds to plant an acre.

If Beans are wanted by Parcel Post, add for postage as follows: 10c. for 1 lb.; 10c. for 2 lbs.; 15c. for 5 lbs.; 20c. for 10 lbs., up to and including the second zone; for other zones, please add additional postage; larger quantities by express or freight.

Golden Cluster Wax. Deep yellow flat pod, frequently 8 inches long; stringless and matures in about 85 days; heavy yielder, pods being borne in large clusters. 30c. per lb.; 2 lbs., 55c.; \$1.20 per 5 lbs.; 10 lbs., \$2.10; \$4.50 per 25 lbs.; 100 lbs., \$16.00.

Giant Podded Asparagus (Yard Long). Pods measure 2 feet or more in length, which are tender and of excellent quality. 75c. per lb.; 2 lbs., \$1.40.

Kentucky Wonder or Old Homestead. Green pod. Extensively grown in the south; long, round pods, very tender and practically stringless; one of the best of the green pole beans. Early, being ready for picking about 85 days from planting. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.20; \$4.50 per 25 lbs.; 100 lbs., \$14.00.

Kentucky Wonder Wax. Bears profusely long thick, light yellow pods, which are brittle, meaty and of good quality; very early. 30c. per lb.; 2 lbs., 55c.; \$1.20 per 5 lbs.; 10 lbs., \$2.10; \$4.50 per 25 lbs.; 100 lbs., \$15.00.

Lazy Wife's (Green Pod). A popular variety; pods 4 to 5 inches long, broad, flat and of good quality; beans white; makes a good dry bean for Winter use. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.20; \$4.50 per 25 lbs.; 100 lbs., \$14.00.

Scarlet Runner (Green Pod). While used principally for its flowering qualities, this makes a splendid Winter shell bean. The bright red flowers are an attraction when the vine is used for covering arbors, trellises, fences, posts, etc. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.20.

POLE LIMA BEANS

Two pounds will plant 100 hills; 25 to 30 lbs. per acre.

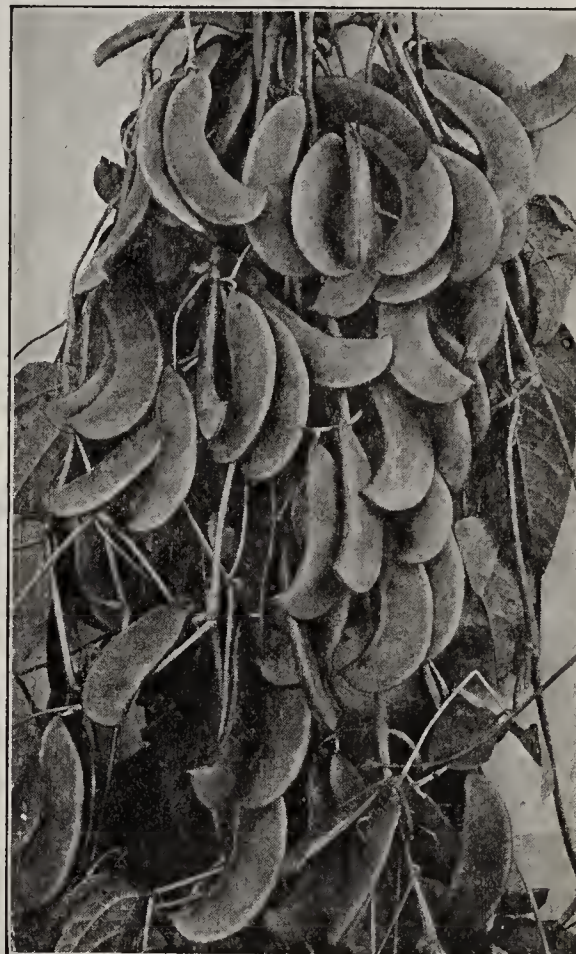
Carpinteria. Retains its green color in all stages of growth, and after being dried; with this it combines wonderful prolificness, flavor and size; a good early variety; 4 to 5 beans in a pod. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.30; \$5.00 per 25 lbs.; 100 lbs., \$18.00.

Dreer's Improved. Also known as Challenger or Potato Lima; although somewhat smaller than other limas, it is early, prolific and of delicious flavor. 40c. per lb.; 2 lbs., 75c.; \$1.75 per 5 lbs.; 10 lbs., \$3.00; \$6.25 per 25 lbs.; 100 lbs., \$21.00.

Giant Podded. Produces a heavy, stocky vine, well filled with gigantic pods in clusters and producing a nice size white bean. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.30; \$5.00 per 25 lbs.; 100 lbs., \$18.00.

King of the Garden. An old time favorite and still popular with the amateur as well as the market gardener; of strong growth, exceedingly productive and retains that good flavor of the lima. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.30; \$5.25 per 25 lbs.; 100 lbs., \$18.00.

Michell's Evergreen. Extra early, remarkably productive, of good flavor and continues bearing till frost. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.30; \$5.00 per 25 lbs.; 100 lbs., \$18.00.



Michell's Evergreen Pole Lima Bean

CEDAR BEAN POLES (pointed)

Extra Selected Quality; about 10 feet long. \$2.00 per doz.; per 25, \$3.75; \$7.00 for 50; 100 for \$12.00.



Brussels Sprouts

BROCCOLI

One ounce will produce 3000 plants

Early Green Calabrese. The variety so much sought by the Italian trade and has become quite popular in our American gardens. For illustration and description, see page 32. 40c. per oz.; ¼ lb., \$1.35; \$5.00 per lb.

White Cape. 35c. per oz.; ¼ lb., \$1.10; \$4.00 per lb.

BRUSSELS SPROUTS

One ounce will produce about 3000 plants

Michell's Mammoth Fancy. We have an exceptionally fine strain of these sprouts, recommended by an old time gardener who has been improving them from year to year; a compact, dwarf type; stems covered with fancy, solid sprouts. 35c. per oz.; ¼ lb., \$1.00; \$3.50 per lb.

Long Island Half Dwarf. Compact heads; very productive. 25c. per oz.; ¼ lb., 70c.; \$2.50 per lb.

Matchless Improved. Large, handsome sprouts; somewhat later than Long Island. 25c. per oz.; ¼ lb., 70c.; \$2.50 per lb.

For Brussels Sprouts plants, see page 51

MICHELL'S CHOICE BEET SEED

Betterave (Fr.); Salatrube (Ger.); Barbabietola (Ital.)

One ounce will sow a row about 50 ft. long; 5 lbs. are required to sow an acre.

Arlington Favorite. Extra early; sweet; rich blood-red; turnip-shaped. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.; 5 lbs., \$3.50; \$6.50 per 10 lbs.

Bastian's Early Blood Turnip. An excellent variety for market and family use; quite large; turnip-shaped. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.; 5 lbs., \$3.50; \$6.50 per 10 lbs.

Bastian's Half Long Blood. A valuable variety to follow Bastian's Extra Early. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 80c. per lb.; 5 lbs., \$3.75; \$7.00 per 10 lbs.

Bassano Extra Early. A flat variety; flesh white and rose colored; excellent used as buttered beets. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.; 5 lbs., \$3.50; \$6.50 per 10 lbs.

Crimson Globe. Almost round in shape; rich deep red and of delicious flavor; good for sowing early for forcing and summer use. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.75; \$9.00 per 10 lbs.

Crosby's Egyptian. One of the earliest; desirable on account of its rich blood red color throughout, and its extreme tenderness. An early spring and winter variety; good keeper. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.75; \$9.00 per 10 lbs.

Detroit Dark Red. A desirable type of globe-shaped beet; very tender; excellent for winter keeping. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.75; \$9.00 per 10 lbs.

Detroit Dark Red (Michell's Special Strain). A selected strain of this early, globe shaped variety. See page 31 for illustration and full description. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.; 5 lbs., \$6.00; \$11.50 per 10 lbs.

Early Wonder. An extra early, globe shaped variety; good size, smooth, handsome and of a dark blood red color; excellent quality and a desirable sort for canning. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.75; \$9.00 per 10 lbs.

Eclipse. Perfectly smooth and round; skin and flesh intense red. Excellent for forcing or for the market garden. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.75; \$9.00 per 10 lbs.

Lentz Early. A turnip shaped variety; fine for sowing in hot-beds and outdoors early; flesh rich red with zones of a lighter shade; very sweet. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.75; \$9.00 per 10 lbs.

NOTE.—All seeds offered on this page mailed postpaid at prices quoted.



Beet, Early Wonder

Michell's Ideal. A splendid turnip-shaped variety; excellent for early summer use or as a winter keeper. 10c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.; 5 lbs., \$6.00; \$11.50 per 10 lbs.

Michell's Winter Keeper. Globe shape; rich red, tender and sweet; one of the best winter varieties. 15c. per oz.; $\frac{1}{4}$ lb., 50c.; \$1.75 per lb.; 5 lbs., \$8.50; \$16.50 per 10 lbs.

MANGEL-WURZEL OR CATTLE BEETS

Seed selected from specimen roots.

Sow 6 lbs. per acre in May or June, in rows 2 feet apart and thin out to 9 to 12 inches in the row. They provide excellent winter food for cattle, sheep, hogs and poultry.

Golden Tankard. The best long yellow mangel in cultivation. Matures earlier than other large sorts. 20c. per $\frac{1}{4}$ lb.; lb., 65c.; \$3.00 per 5 lbs.; 10 lbs., \$5.50.

Lane's Improved White Sugar. Of enormous size, growing considerably above the ground; one of the best for stock feeding. Contains a very high percentage of sugar content. 20c. per $\frac{1}{4}$ lb.; lb., 65c.; \$3.00 per 5 lbs.; 10 lbs., \$5.50.

Mammoth Long Red. An enormously productive variety, yielding from 50 to 75 tons to the acre, a single root often weighing from 20 to 40 pounds; the best red mangel. 20c. per $\frac{1}{4}$ lb.; lb., 65c.; \$3.00 per 5 lbs.; 10 lbs., \$5.50.

CARDOON

Large Solid. A tall growing variety; stalks thick and broad; leaves when blanched like celery and cooked are tender and of delicious flavor. 20c. per oz.; $\frac{1}{4}$ lb., 65c.; \$2.25 per lb.

CHERVIL

One ounce will sow a row 50 feet long.

An aromatic plant used in dressing lettuce and for seasoning soups.

Double Curled. Oz., 25c.; $\frac{1}{4}$ lb., 75c.; \$2.50 per lb.

CHICORY

Witloof. This grows in a solid oblong head and blanches ivory white. When lifting cut whole head with a part of the roots to hold the leaves together. It is considered a splendid winter salad. 15c. per oz.; $\frac{1}{4}$ lb., 50c.; \$1.75 per lb.

See pages 31 and 32 for Michell's Vegetable Seed Specialties.



Dark Green Curled Swiss Chard

SWISS CHARD (Spinach Beet)

Poire (Fr.); Mangold Kohl (Ger.); Bieta (Ital.)

One ounce will sow a row about 50 feet long.

Dark Green Curled. Large, smooth dark green leaves with silvery white stem; tender and of fine flavor. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.75; \$9.00 per 10 lbs.

Giant Lucullus. Plants grow to a height of 2 to 2½ feet; stalks quite thick and broad; long, crinkly leaves. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.75; \$9.00 per 10 lbs.

Chou pomme (Fr.); Kopf Kohl (Ger.); Cavolo Cappuccio (Ital.)

One ounce will produce about 3000 plants; 4 oz. will produce enough for an acre.

NOTE—All seeds offered on this page mailed postpaid at prices quoted.

EARLY VARIETIES

All Head. Head large and solid, roundish-flat and of excellent quality. 25c. per oz.; $\frac{1}{4}$ lb., 70c.; \$2.50 per lb.

Baby Head. An early variety; small, round solid heads. Having few small outer leaves the plants may be set as close as 8 to 10 inches apart; also well adapted for growing under glass. 40c. per oz.; $\frac{1}{4}$ lb., \$1.10; \$4.00 per lb.

Charleston or Large Wakefield. Similar to the Early Wakefield, but the heads are more blunt, equally as solid, grows almost twice the size and matures one week later. Splendid for the market garden. 25c. per oz.; $\frac{1}{4}$ lb., 70c.; \$2.50 per lb.

Copenhagen Market. An early, round headed variety, frequently weighing as much as 10 lbs.; a splendid sort. Our stock is imported and the best the market affords. 30c. per oz.; $\frac{1}{4}$ lb., 90c.; \$3.25 per lb.

Extra Early Jersey Wakefield. The finest type of early cabbage. Uniform pointed heads; the outer leaves form a protection for the heads, which enables it to be set out earlier than other sorts. 35c. per oz.; $\frac{1}{4}$ lb., 90c.; \$3.25 per lb.

Golden Acre. Plants dwarf in habit; heads uniform, medium size, averaging 5 lbs.; round, solid and grows but few outer leaves; suitable for close planting. See illustration, page 31. 35c. per oz.; $\frac{1}{4}$ lb., \$1.15; \$4.25 per lb.

Henderson's Early Summer. The leaves have a more bluish cast than the other cabbages; the heads are roundish flat and solid. 25c. per oz.; $\frac{1}{4}$ lb., 65c.; \$2.25 per lb.



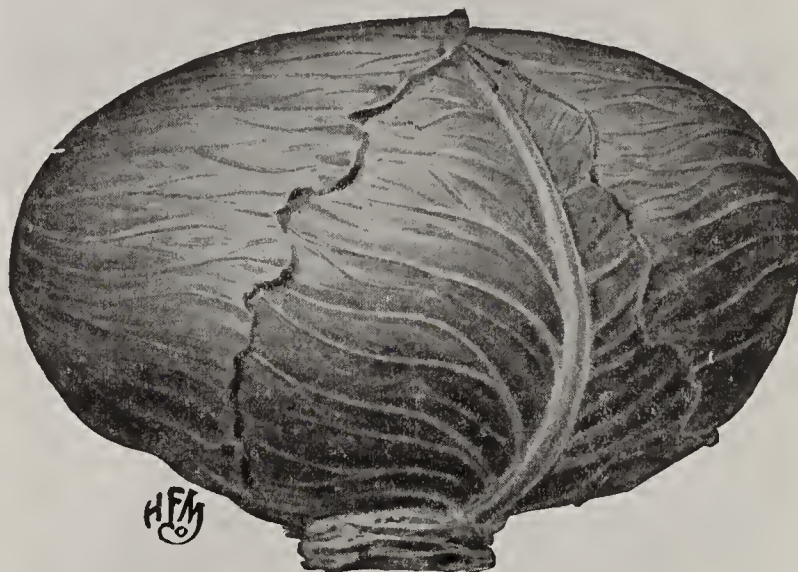
Wong Bok Cabbage

CHINESE OR CELERY CABBAGE

Pe Tsai. Resembles in growth a head of Romaine Lettuce, but possesses the curly feature of Silesian Lettuce, and a broad rib; may be served like lettuce. Can be planted as a spring or autumn crop; for the latter the seed is sown in July. 25c. per oz.; $\frac{1}{4}$ lb., 70c.; \$2.50 per lb.

Wong Bok. Easily grown and can be served in numerous ways; does not grow quite as tall as Pe-tsai, but thicker through; heads elongated, self-folding and requires no blanching. 25c. per oz.; $\frac{1}{4}$ lb., 75c.; \$2.75 per lb.

For Cabbage Plants, see page 51



Late Flat Dutch Cabbage

LATE OR WINTER VARIETIES

All Seasons (Vandergaw). Large, round, solid heads; valuable for late summer or winter use. 25c. per oz.; $\frac{1}{4}$ lb., 70c.; \$2.50 per lb.

Danish Ball Head. Unequaled for its keeping qualities, massiveness and weight. For boiling, cole slaw, sauer kraut, etc., it is ideal, being crisp, tender and sweet. 30c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.

Danish Roundhead (Short Stem). The heads of this variety are exceptionally hard; excellent for sauer kraut as well as for winter storing. 30c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.

Late Flat Dutch. This has been selected especially for our trade, the seed being taken from the finest type of heads which are selected for solidity and uniformity. There is no better keeping cabbage in existence, being very solid. For sauer kraut it is unsurpassed. 20c. per oz.; $\frac{1}{4}$ lb., 65c.; \$2.25 per lb.

Perfection Drumhead Savoy. A crimped-leaved sort; color deep glossy green. The head is almost round and distinctly flavored. 30c. per oz.; $\frac{1}{4}$ lb., 80c.; \$2.75 per lb.

Red Dutch Drumhead. Used extensively for pickling. Excellent for cole slaw; keeps well until spring. 25c. per oz.; $\frac{1}{4}$ lb., 70c.; \$2.50 per lb.

CHIVES (Schnittlauch)

Indispensable for flavoring certain dishes, imparting a mild onion taste. The plants are hardy and will last for years.

Seed. 40c. per oz.; $\frac{1}{4}$ lb., \$1.30; \$5.00 per lb.

For Chive Plants, see page 51

CITRON (Preserving Melon)

Per oz., 10c.; 30c. per $\frac{1}{4}$ lb.; lb., \$1.00; \$4.75 per 5 lbs. See page 43.

COLLARDS

One oz. of seed will produce 3000 plants

Extensively grown in the south and used as greens during the winter months. They are planted much like cabbage.

Georgia or Southern. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 65c. per lb.; 5 lbs., \$3.00.

CORN SALAD (Fetticus)

Mache Ronde (Fr.); Ackersalat (Ger.)

This is principally sown for a supply of greens during winter and early spring months.

Large Leaved, Round Seeded. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; per lb., \$1.25; \$6.00 per 5 lbs.; 10 lbs., \$11.50.

For complete list of Vegetable Plants and Roots, see page 51

MICHELL'S CHOICE CARROT SEED

Carotte (Fr.); Mohruben (Ger.); Carota (Ital.). One ounce will sow 100 ft. of drill; 3 to 4 lbs. per acre.



Chantenay Half Long Carrot

Chantenay Half Long. Orange scarlet; very productive; desirable for market or home use. Flesh tender, firm and fine grained; 5 inches long, stump-rooted. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.35 per lb.; 5 lbs., \$6.50; \$12.50 per 10 lbs.

Coreless or Nantes Half Long. A stump-rooted variety; smooth skin, flesh red; about 6 inches in length; free from core. 15c. per oz.; $\frac{1}{4}$ lb., 45c.; \$1.50 per lb.; 5 lbs., \$7.25; \$14.00 per 10 lbs.

Danver's Half Long. Rich orange color; heavy yielder and splendid keeper; valuable both for table and stock feeding; 6 to 7 inches long; stump-rooted. We have an extra fine strain of this favorite sort. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.35 per lb.; 5 lbs., \$6.50; \$12.50 per 10 lbs.

CAULIFLOWER

Choux Fleurs (Fr.); Blumenkohl (Ger.); Cavol Fiora (Ital.)
One ounce of seed will produce about 3000 plants

Danish Giant or Dry Weather. An ideal variety for summer use; stands drought and heat better than other sorts; heads snow white and of large size. Pkt., 15c.; trade pkt., 35c.; 85c. per $\frac{1}{4}$ oz.; $\frac{1}{2}$ oz., \$1.25; \$2.00 per oz.; $\frac{1}{4}$ lb., \$6.75; \$25.00 per lb.

Early Snowball. A splendid variety, for either forcing under glass in cold frames or for outdoor spring planting; medium size white heads. Pkt., 15c.; trade pkt., 35c.; 85c. per $\frac{1}{4}$ oz.; $\frac{1}{2}$ oz., \$1.25; \$2.25 per oz.; $\frac{1}{4}$ lb., \$7.50; \$28.00 per lb.

Half Early Paris. A well flavored small head, suited to growing outdoors only. Pkt., 10c.; 40c. per $\frac{1}{4}$ oz.; $\frac{1}{2}$ oz., 65c.; \$1.00 per oz.; $\frac{1}{4}$ lb., \$2.75; \$10.00 per lb.

Michell's Early Snowstorm. Colossal heads of purest white, often 10 inches in diameter; desirable for its earliness under glass, but does equally well in late spring, summer or autumn outdoors. Pkt., 20c.; trade pkt., 40c.; \$1.10 per $\frac{1}{4}$ oz.; $\frac{1}{2}$ oz., \$1.65; \$2.75 per oz.; $\frac{1}{4}$ lb., \$8.50; \$32.00 per lb.

Early Selected Erfurt. One of the earliest in cultivation; heads are of medium size and of fine quality. Pkt., 15c.; trade pkt., 35c.; 85c. per $\frac{1}{4}$ oz.; $\frac{1}{2}$ oz., \$1.25; \$2.00 per oz.; $\frac{1}{4}$ lb., \$6.75; \$25.00 per lb.

For Cauliflower Plants, see page 51

Early Half Long Scarlet. A desirable stump-rooted variety; early, of fine flavor and good color; can be sown in hotbeds for early use; 5 to 6 inches long. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.35 per lb.; 5 lbs., \$6.50; \$12.50 per 10 lbs.

Early Scarlet Horn. A favorite early red variety; fine grained and good flavor; stump rooted, about 6 inches long. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.; 5 lbs., \$6.00; \$11.50 per 10 lbs.

Guerande or Oxheart. A desirable variety for stiff, heavy soils; not over 3 or 4 inches long; rich orange color and fine flavored. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.; 5 lbs., \$5.75; \$10.50 per 10 lbs.

Improved Long Orange. Deep orange color; 10 inches long; good flavor; yields heavily; excellent table quality and one of the best for stock feeding; pointed root. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.; 5 lbs., \$5.75; \$10.50 per 10 lbs.

Rubicon Half Long. Deep orange-red flesh of finest quality; stump-rooted. Earlier than the Danver's, somewhat shorter; well adapted for early forcing and for growing outside. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.35 per lb.; 5 lbs., \$6.50; \$12.50 per 10 lbs.

Very Early Short Horn or French Forcing. An early scarlet forcing variety; small round root, not much larger than a radish. It may be sown outdoors as well as under glass. 15c. per oz.; $\frac{1}{4}$ lb., 50c.; \$1.50 per lb.; 5 lbs., \$7.25; \$14.00 per 10 lbs.

White Belgian. Used principally for stock, not being desirable for table; produces a long thick white root. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; 75c. per lb.; 5 lbs., \$3.50; \$6.50 per 10 lbs.

All seeds on this page mailed free at prices quoted.



Michell's Earliest Snowstorm Cauliflower

GARDEN CRESS (Pepper Grass)

Its pungent taste is acceptable to most any one who is fond of garden greens. Makes a very tasty salad.

Extra Curled. 10c. per oz.; $\frac{1}{4}$ lb., 35c.; \$1.00 per lb.

WATER CRESS

This may be sown early in spring near the brink of a pond of spring water, or piece of running water. Just scatter the seed and it will sprout and grow with wondrous rapidity; once established it remains for years, reseeding itself.

True Erfurt. 35c. per oz.; $\frac{1}{4}$ lb., \$1.10; \$4.00 per lb.

Lay the foundation for a profitable vegetable crop by treating all seeds with Semesan before planting.

Celeri (Fr.); Sellerie (Ger.); Sedano (Ital.)

One ounce of seed will produce 3000 to 5000 plants; half pound is sufficient for one acre

EARLY VARIETIES

Easy Blanching (Penna. Grown). An improved type of Easy Blanching Celery, being superior in every way. Flavor delicious; stalk large and fine grained. Plants set out in June are ready for market the early part of September; large, full heart, with plenty of edible outside stalks. Our stock is carefully selected for type and quality. Per ½ oz., 50c.; 90c. per oz.; ¼ lb., \$3.25; \$12.00 per lb.

Easy Blanching. A first early variety, producing enormous thick stalks which are very crisp. 35c. per oz.; ¼ lb., \$1.10; \$4.00 per lb.

Golden Plume. It is claimed that this will mature earlier than any other variety and blanch in half the time. Of fine flavor and without strings; crisp and tender; solid, does not grow hollow. 50c. per oz.; ¼ lb., \$1.60; \$6.00 per lb.

Golden Self Blanching (French Grown Seed) (New Strain). One of the earliest and most productive sorts; grows faster and taller than the old strain and is almost blight-proof; never pithy and of excellent flavor; ready in October, but may be kept for early winter use. 45c. per ½ oz.; 75c.; \$2.60 per ¼ lb.; lb., \$10.00.

Golden Self Blanching. (American Grown Seed). From seed stock renewed annually from France. 50c. per oz.; ¼ lb., \$1.60; \$6.00 per lb.

Pink Plume. A splendid table variety; excellent flavor, crisp and not stringy. 50c. per oz.; ¼ lb., \$1.60; \$6.00 per lb.

White Plume. A standard early celery for market gardeners. Stalks and heart blanch very quickly to almost a pure white; very crisp and brittle. Our seed, which is imported, is very superior in every way. 30c. per oz.; ¼ lb., 85c.; \$3.00 per lb.

LATE WINTER VARIETIES

Emperor. Dwarf growing, very brittle and of extra fine flavor; a good winter keeper. 30c. per oz.; ¼ lb., 85c.; \$3.00 per lb.

Giant Pascal. This is in its prime for use during February and March and can be used well into spring. 30c. per oz.; ¼ lb., 85c.; \$3.00 per lb.

Winter King. Solid, crisp and of delicious flavor; an excellent winter keeper. 30c. per oz.; ¼ lb., 85c.; \$3.00 per lb.

Winter Queen. A medium tall solid variety; full and large. 30c. per oz.; ¼ lb., 85c.; \$3.00 per lb.

CELERIAC

The leaves are cut when young and used to flavor soups and meats; the roots are boiled, sliced, cooled and served as a salad.

Giant Prague. 25c. per oz.; ¼ lb., 70c.; \$2.50 per lb.

CELERY PAPER

For winter protection; in 500 sq. ft. rolls. \$1.25 per roll.

CELERY TAPE

Fast red, in spools of 1000 yards, \$2.75 (parcel post, \$2.90). Green, in spools of 1000 yards, \$2.25 (parcel post, \$2.40).

All seeds on this page mailed free at prices quoted.



Giant Pascal Celery

CELERY SEED (For Flavoring)

75c. per lb.

For Celery Plants, see page 51.

MICHELL'S CUCUMBERS

Concombre (Fr.); Gurken (Ger.); Cetriolo (Ital.). One ounce of seed will plant 60 hills; 2 to 3 pounds per acre.



Cucumber, Improved Long Green

Arlington White Spine. The leading sort for the market garden, also with those who make a specialty of growing them under glass. Fruit smooth, deep green and measures uniformly 8 inches in length. 15c. per oz.; ¼ lb., 40c.; lb., \$1.25.

Davis Perfect. This variety is suited for growing under glass as well as outdoors; fruits uniform in shape and size and measure often 10 to 12 inches long. Color dark green, smooth and very productive. 15c. per oz.; ¼ lb., 40c.; \$1.25 per lb.

Early Fortune. A fine variety of the White Spine type; medium length and dark green in color, which it holds for a long time after picking; flesh white and very crisp. 15c. per oz.; ¼ lb., 40c.; \$1.25 per lb.

Early Market. Retains its dark green color and is without doubt one of the best cukes for those who plant for profit; uniform in shape and size, averaging 8 inches in length. See illustration page 31. 15c. per oz.; ¼ lb., 45c.; \$1.50 per lb.

Gherkin or Burr Cucumber. For pickling only; the small fruits are roundish long, about 2 inches; very prickly when green. 20c. per oz.; ¼ lb., 60c.; \$2.00 per lb.

Improved Long Green. A well known, standard sort and desirable for market. The vines are vigorous and productive; the fruits are formed almost as early as the short sorts and average 12 inches in length. 15c. per oz.; ¼ lb., 40c.; \$1.25 per lb.

Japanese Climbing. A trellis variety used for shade as well as eating purposes. The vine is very ornamental and produces extra long, light green fruits in abundance. 15c. per oz.; ¼ lb., 50c.; \$1.50 per lb.

Jersey Pickle or Green Prolific. This sort can be used for slicing, but is best for pickling, on account of its size, which averages 5 inches; makes ideal "Dill Pickles." 15c. per oz.; ¼ lb., 40c.; \$1.00 per lb.

ENGLISH FORCING CUCUMBERS

These are splendid for growing in hotbed frame during the summer months, or under glass in greenhouses during the winter; fruits generally 18 to 24 inches long and 3 inches in diameter.

	Pkt. 10 seeds	100 seeds
Lockie's Perfection.....	\$0.20	\$1.75
Sion House.....	.20	1.75
Telegraph.....	.20	1.75
Tender and True.....	.20	1.75

MICHELL'S SELECTED SUGAR CORN

Mais (Fr.); Mais (Ger.); Grano Turco (Ital.)

1 pound will plant about 150 hills; 12 to 15 pounds will plant an acre.

If Sugar Corn is wanted by Parcel Post, add for postage as follows: 10c. for 1 lb.; 10c. for 2 lbs.; 15c. for 5 lbs.; 20c. for 10 lbs., up to and including the second zone; for other zones, please add additional postage; larger quantities by express or freight.

EARLY VARIETIES

Adams Extra Early. A variety that can be planted very early; pure white, medium sized ears; not entirely sweet. 20c. per lb.; 2 lbs., 35c.; 75c. per 5 lbs.; 10 lbs., \$1.30; \$2.75 per 25 lbs.; 100 lbs. \$8.00.

Bantam Evergreen. An extra early yellow variety; splendid for mid and late season planting. 20c. per lb.; 2 lbs., 35c.; 80c. per 5 lbs.; 10 lbs., \$1.50; \$3.50 per 25 lbs.; 100 lbs., \$13.00.

Earliest of All Table Corn. This can be planted before any other variety as it stands considerable cold; a delicious table variety. Produces nice sized ears for an extra early variety, measuring 7 to 8 inches long. 20c. per lb.; 2 lbs., 35c.; 75c. per 5 lbs.; 10 lbs., \$1.30; \$2.75 per 25 lbs.; 100 lbs., \$8.00.

Early Evergreen. Closely allied to Stowell's in shape and flavor, but much earlier; large well-shaped ears with deep grains. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.80; \$4.00 per 25 lbs.; 100 lbs., \$14.00.

Early Mayflower. Matures very early; dwarf in growth; large, well-filled ears; excellent flavor. 20c. per lb.; 2 lbs., 35c.; 80c. per 5 lbs.; 10 lbs., \$1.50; \$3.50 per 25 lbs.; 100 lbs., \$13.00.

Golden Bantam. While yellow in color, this is one of the sweetest and earliest varieties in existence; ears medium size; grains tender and delicious. 30c. per lb.; 2 lbs., 55c.; \$1.20 per 5 lbs.; 10 lbs., \$2.10; \$4.50 per 25 lbs.; 100 lbs., \$14.00.

Golden Cream. A cross between Country Gentleman and Golden Bantam and combines the excellent qualities of both. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.80; \$4.00 per 25 lbs.; 100 lbs., \$14.00.

Golden Giant. The growth is dwarf and compact; ears somewhat larger than Golden Bantam; good quality. 20c. per lb.; 2 lbs., 35c.; 80c. per 5 lbs.; 10 lbs., \$1.50; \$3.50 per 25 lbs.; 100 lbs., \$13.00.

Golden Sunshine. Very early, maturing a week or ten days before Golden Bantam; dwarfer in habit; ears 6½ inches long, containing 12 rows of broad, yellow, sweet grains. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.80; \$4.00 per 25 lbs.; 100 lbs., \$14.00.

Howling Mob. An early variety with ears of large size; grains large, pure white and of good flavor. A splendid sort for the market gardener as well as for home use. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.80; \$4.00 per 25 lbs.; 100 lbs., \$14.00.

Kendel's Early Giant. Large ears; large deep grains, which are tender and sweet; a good variety to grow for market garden trade. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.80; \$4.00 per 25 lbs.; 100 lbs., \$14.00.

DANDELION

Pissenlit (Fr.); Loewenzahn (Ger.); Dente de leone (Ital.)

A valuable vegetable grown in quantities for the New England markets, where it is prized as the first spring greens. The leaves are boiled and served hot or cold.

Thick Leaved or Cabbaging. 50c. per oz.; ¼ lb., \$1.60; \$6.00 per lb.

Stabler's Extra Early. A standard early sort for the market garden, large ears with even grains which cook pure white and are very tender. 20c. per lb.; 2 lbs., 35c.; 80c. per 5 lbs.; 10 lbs., \$1.50; \$3.50 per 25 lbs.; 100 lbs., \$13.00.

MEDIUM VARIETIES

Black Mexican. While the grains are young they cook white, as the ear becomes older it cooks a violet shade on the outside. The ears are medium sized; grains very sweet. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.80; \$4.00 per 25 lbs.; 100 lbs., \$14.00.

Mitchell's Delicious. An extra fine variety; ears well filled, medium in size and mature after the early varieties. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.80; \$4.00 per 25 lbs.; 100 lbs., \$14.00.

Philadelphia Favorite. A variety of Penna. origin and marketed in Philadelphia and vicinity for a number of years. Produces 2 to 3 nice ears to a stalk, averaging 8 to 9 inches in length; kernels pearly white and deliciously sweet; matures in 75 to 78 days, depending on location. See illustration page 31. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.30; \$5.25 per 25 lbs.; 100 lbs., \$18.00.

LATE VARIETIES

Country Gentleman. Deep, fine grains which are staged irregularly on the cob. Ears large on stalks about 6 feet high; productive and desirable for market use; very sweet. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.80; \$4.00 per 25 lbs.; 100 lbs., \$14.00.

Late Mammoth. Gigantic ears of extra fine quality. The latest maturing and largest of all sweet corns. 25c. per lb.; 2 lbs., 45c.; 90c. per 5 lbs.; 10 lbs., \$1.60; \$3.50 per 25 lbs.; 100 lbs., \$12.00.

Little Gem or Shoe Peg (Ne Plus Ultra). This variety is allied to Country Gentleman and closely resembles it. 20c. per lb.; 2 lbs., 35c.; 80c. per 5 lbs.; 10 lbs., \$1.50; \$3.50 per 25 lbs.; 100 lbs., \$13.00.

Stowell's Evergreen. The best late corn grown; ears extra large, and produced in great abundance; stalks often grow to a height of 7 feet. In sweetness it is unexcelled. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.80; \$4.00 per 25 lbs.; 100 lbs., \$13.00.

POP CORN (Shelled)

Queen's Golden. Lb., 12c. (by parcel post, 20c.); 35c. per 3 lbs. (by parcel post, 50c.).

Snowflake. Lb., 10c. (by parcel post, 20c.); 25c. per 3 lbs. (by parcel post, 40c.).

ENDIVE (Sometimes called Chicory)

Chicoree (Fr.); Endivien (Ger.);
Indivia (Ital.)

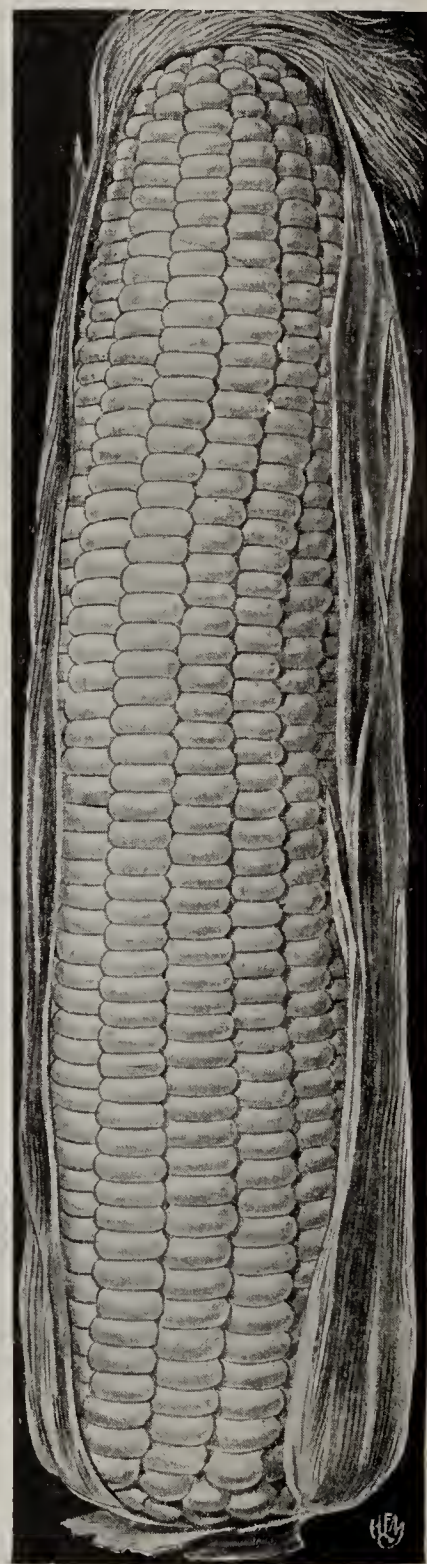
One ounce will sow a row of 200 feet

Broad Leaved Batavian (Escarolle). Leaves broad, light green, nearly plain. 15c. per oz.; ¼ lb., 40c.; \$1.25 per lb.; 5 lbs., \$6.00.

Giant Fringed (Oyster Endive). A variety with a large white heart and broad leaves; heads measure 15 inches in diameter. 15c. per oz.; ¼ lb., 40c.; \$1.25 per lb.; 5 lbs., \$6.00.

Improved Green Curled. An improvement over the common green variety, producing a larger head and more leaves. 15c. per oz.; ¼ lb., 40c.; \$1.25 per lb.; 5 lbs., \$6.00.

White Curled (Self Blanching). Always crisp and tender. 15c. per oz.; ¼ lb., 40c.; \$1.25 per lb.; 5 lbs., \$6.00.



Stowell's Evergreen

All seeds offered on this page (not plants), mailed postpaid at quoted prices



Egg Plant, Black Beauty

EGG PLANT

Aubergine (Fr.); Eierpflanze (Ger.); Petonciano (Ital.)
One ounce will produce 1000 to 2000 plants.

SELECTED NEW JERSEY GROWN SEED

Black Beauty. An extra early, large variety, almost black in color; very prolific and with few seeds. 40c. per oz.; ¼ lb., \$1.20; \$4.50 per lb.

Florida High Bush. The plants of this variety grow very erect and bear good sized purple fruits well above the ground. Will produce large crops even under adverse weather conditions. 35c. per oz.; ¼ lb., \$1.10; \$4.00 per lb.

New York Improved. An old standard; quite large and more elongated than the Black Beauty; rich purple color. 40c. per oz.; ¼ lb., \$1.20; \$4.50 per lb.

For Egg Plant Plants, see page 51

GARLIC SETS

Ail (Fr.); Knoblauch (Ger.); Aglio (Ital.)

A hardy flavoring onion, used extensively in the French method of cooking. These always find a ready sale in the market. Per lb., 25c. (by parcel post, 35c.); \$1.15 per 5 lbs. (by parcel post, \$1.30); 10 lbs., \$2.00 (by parcel post, \$2.20).



Kale, Dwarf Green Curled

SEEDS OF CULINARY AND MEDICINAL HERBS

	½ oz.	Oz.	¼ lb.	Lb.
Anise		\$0.20	\$0.50	\$1.75
Borage .....		.15	.40	1.25
Caraway .....		.10	.30	1.00
*Catnip	Pkt., 15c.	\$0.40	.75	2.25
Chamomile .....		.30	.95	3.50
*Chives .....		.40	1.30	5.00
Coriander .....		.10	.35	1.00
Dill .....		.10	.35	1.00
Fennel (<i>Finocchio</i> or <i>Florence</i>) .....		.15	.40	1.25
*Fennel (<i>Sweet</i>) .....		.10	.35	1.00
*Lavender .....		.25	.85	3.00
*Mint (<i>Peppermint</i>)	Pkt., 20c.	2.10	4.00	
*Pennyroyal .....	.30	.55	1.85	
*Rosemary .....	.30	.50	1.60	6.00
Saffron .....		.25	.70	2.50
*Sage .....		.20	.60	2.00
Savory, Summer .....		.20	.60	2.00
*Savory, Winter .....		.35	1.10	4.00
Sweet Basil .....		.20	.60	2.00
Sweet Marjoram .....		.25	.70	2.50
*Thyme, Broad Leaved .....		.40	1.35	5.00

* Varieties are hardy or perennial, while others must be planted each season.

HORSERADISH ROOTS

(Ready in March)

Maliner Kren (*Bohemian*). A quick-growing variety; the very best horseradish grown. Large, strong cuttings, \$1.00 per 100 (by parcel post, \$1.10); per 1000, \$8.00.

KOHL-RABI

Chou Rave (Fr.); Kohl Rabi (Ger.); Cavolo rapa (Ital.)

One ounce will sow about 200 feet of drill.

It is regrettable that this splendid vegetable is not more widely used. We would suggest to those who have not given it a trial that they do so.

Early White Vienna. Suited for sowing under glass or for outdoors. The top is very short, thus allowing all the development to go to the root, insuring early maturity. 20c. per oz.; ¼ lb., 60c.; \$2.00 per lb.

Purple Vienna. Flesh white, with a bluish skin. Principally used for outdoor sowing. 20c. per oz.; ¼ lb., 60c.; \$2.00 per lb.

KALE OR BORECOLE

Chou Vert (Fr.); Blatterkohl (Ger.);
Cavolo Verde (Ital.)

One ounce will sow a drill 150 ft. long;
3 lbs. will sow an acre.

One of the finest nutritious greens for winter and early spring use.

Dwarf Green Curled. Very compact growing, rarely attaining a height of over 6 inches. Leaves dark green and curly. 15c. per oz.; ¼ lb., 35c.; \$1.00 per lb.; 5 lbs., \$4.75; \$9.00 per 10 lbs.

Imperial Long Standing. The outer edge of leaves are very crimp, inside smooth, dark green with a bluish cast. 10c. per oz.; ¼ lb., 30c.; 85c. per lb.; 5 lbs., \$4.00; \$7.50 per 10 lbs.

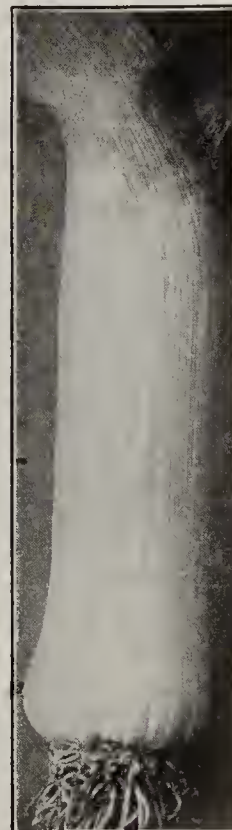
Siberian. A very hardy variety, popular with market gardeners. Should be sown in September for spring greens. 10c. per oz.; ¼ lb., 25c.; 75c. per lb.; 5 lbs., \$3.50; \$6.50 per 10 lbs.

LEEK

Poireau (Fr.); Lauch (Ger.); Porro (Ital.)
One Ounce will sow about 100 feet of drill.

American Flag. Popular for the market garden; makes a longer but narrower stalk than others. 20c. per oz.; ¼ lb., 60c.; \$2.00 per lb.

Giant Carentan. A variety which produces colossal stalks of tender quality. 20c. per oz.; ¼ lb., 60c.; \$2.00 per lb.



Leek

Laitue (Fr.); Lattich Salad (Ger.); Lattuga (Ital.)

NOTE.—All seeds offered on this page mailed postpaid at prices quoted.



Lettuce, May King

HEADING VARIETIES

All Heart. An excellent lettuce for either spring or summer use. Large head with loose heart, which is of a decided buttery flavor; can be used for sowing in frames or in spring and early summer outdoors. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

All Right (Michell's). Fine for an early spring crop in the hot-bed or outdoors and for sowing in August for late autumn under sash or outside. The heads are large and solid; rich buttery heart of light yellow. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.35 per lb.

Big Boston. A large, flat, cabbage-headed variety; splendid for midsummer or fall use or under glass in the early spring and autumn; light green, tinged light brown on the outer leaves. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

Boston Market (White Seeded Tennisball). Early small heading variety; one of the best for forcing; the heart is very solid and crisp. 15c. per oz.; $\frac{1}{4}$ lb., 45c.; \$1.50 per lb.

Davey's Improved Big Boston. Heads are similar in size and compactness to Big Boston, but earlier and minus the brown tinge on outer edge of leaves. 20c. per oz.; $\frac{1}{4}$ lb., 55c.; \$1.75 per lb.

Dutch Butter. A medium-sized head; light green leaves, with delicate yellow heart. The outer leaves are tinged brown on the edges. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

Iceberg. A splendid variety, producing large, solid cabbage-like heads; very firm, crisp and of fine flavor; leaves curly, slightly tinged red. 15c. per oz.; $\frac{1}{4}$ lb., 45c.; \$1.50 per lb.

Improved Hanson. Extra large heads; the outer leaves are curled, the interior is almost white and very tender; resists the heat well. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.35 per lb.

Mammoth Salamander. One of the best midsummer varieties, resisting heat and drought and remaining in heading condition longer than many others. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.35 per lb.

May King. One of the first solid head varieties to mature outdoors, it is of good size with tender, full heart; outside leaves tinged golden brown. Suitable for sowing under sash in early spring. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.35 per lb.

Michell's Number One. A good variety for summer use as it resists the hot sun better than most sorts; tender and of a delicious buttery flavor; heads very large; we do not recommend it for forcing. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.35 per lb.

Mignonette. A compact variety; heads small, leaves curly and edges tinted brown; a sure header and of good quality. 15c. per oz.; $\frac{1}{4}$ lb., 45c.; \$1.50 per lb.

One ounce of seed will produce about 2500 plants.

HEADING VARIETIES (Continued)

New York or Wonderful. A variety in great demand, especially during the late winter and early spring months; gigantic heads which are almost white, very solid and without any trace of bitter taste. Does best in the latitude of Philadelphia as an early spring and late autumn crop. We offer a fine strain of seed, selected from specimen heads. 20c. per oz.; $\frac{1}{4}$ lb., 55c.; \$2.00 per lb.

Prize Head. A splendid loosely-formed head, desirable for outdoor planting only; has a dark tinge on the outer leaves; good for spring and summer use. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

Unrivalled. Very large, light green and of a crisp nature; very desirable for summer use. 20c. per oz.; $\frac{1}{4}$ lb., 55c.; \$1.75 per lb.

Wayahead. One of the earliest hard-headed varieties, doing well either under glass or in the open in the spring or autumn. The heart is a golden buttery color, and of delicious flavor. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.35 per lb.

LOOSE LEAF OR CUTTING VARIETIES

Black Seeded Simpson. Ideal for midsummer use, as it withstands the heat and drought. When matured, presents a formidable loose head with finely fringed leaves. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.35 per lb.

Early Curled Silesian. A light green color, and when given plenty of room will form a large loose head. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.35 per lb.

Early Curled Simpson. A splendid curly-leaved sort; loose heads and very tender. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.35 per lb.



Lettuce, Grand Rapids

Grand Rapids. The leading variety in this class for forcing under glass, but it may also be grown successfully outdoors. The leaves are very curly, crisp and brittle, and have a palatable flavor. We pay particular attention to the seed stock, therefore offer a strain of especial merit. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.35 per lb.

ROMAINE, OR CELERY LETTUCE

Of French origin, this type differs greatly from the American varieties by its peculiar upright growth. It is best adapted to outdoor planting and stands the heat well. The Romaine lettuces sell readily to most all trade and should be grown more generally by market gardeners.

Kingsholm Cos. The largest and best heading variety of this type. The inner leaves blanch almost pure white and have little or no rib; the heads are very full throughout and therefore contain more edible part. 15c. per oz.; $\frac{1}{4}$ lb., 45c.; \$1.50 per lb.

For Lettuce Plants, see page 51

VEGETABLE GARDENING (Watts)

A complete and authentic book on this subject. 511 pages.
Price, \$2.50

Melon Muscade (Fr.); Melone (Ger.); Popone Melone (Ital.)
One ounce will plant about 50 hills; 2 to 3 lbs. are required for an acre.



Hearts of Gold Muskmelon

Hearts of Gold. A mid-season variety; fruit round, distinctly ribbed; flesh a deep salmon color, thick and of excellent quality; a good shipping melon. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.; 5 lbs., \$5.75.

Honey Dew. Large size, often 6 inches in diameter and from 7 to 8 inches long; skin smooth, with an occasional net and creamy white. Flesh thick, emerald green and of delicious flavor. 15c. per oz.; $\frac{1}{4}$ lb., 45c.; \$1.50 per lb.; 5 lbs., \$7.25.

Jenny Lind. A small, flat, very early sort, heavily netted and ribbed; green flesh; a good variety to plant for the first picking. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.75.

Michell's Delicious. Grows to a very large size; flesh deep orange-salmon and represents most of the melon, as the seed space is very small. 30c. per oz.; $\frac{1}{4}$ lb., 95c.; \$3.50 per lb.

New Surprise. A large variety, often weighing 8 to 9 pounds; oval in shape, with prominent ribs; skin green and slightly netted; as it ripens, it turns to a cream color; flesh salmon color, thick and spicy. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.; 5 lbs., \$5.75.

Rockyford. A medium early variety, suitable for growing in all sections. The fruit is oval in shape and covered with a fine netting; flesh green, very sweet and highly flavored. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.50.

FORCING MELONS (English Varieties)

	Per pkt.	100 seeds
Blenheim Orange.....	\$0.20	\$1.50
Windsor Castle.....	.20	1.50
Sutton's A1 (In original pkts.).....	1.00	

MELON NETS. For supporting forcing melons in greenhouses; made very strong, will last for a number of crops. \$2.25 per doz.; per 100, \$15.00; 50 at 100 rate.

Delicious Gold Lined. Flesh thick, fine-grained and sweet; color green, with a gold margin next the seed cavity; slightly oval and heavily netted. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.75.

Emerald Gem. Flesh thick and of a rich salmon shade; ripens extremely close to the rind; sweet and one of the best flat market melons. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.75.

Fordhook. Flat like Emerald Gem, on which it is an improvement; flesh salmon orange and very sweet; large, often weighing 2 lbs. each. The netted rind is very thin. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.75.

Hale's Best. The chief value of this variety is its earliness and fine quality; oval in shape, heavily netted; salmon color flesh; an excellent variety for long distance shipping. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.; 5 lbs., \$5.75.

MICHELL'S CHOICE STRAIN WATERMELONS

Melon d'eau (Fr.)

Wasser Melone (Ger.)

Melone d'aqua (Ital.)

One ounce will plant 30 hills, four pounds for an acre.

Dixie. One of the old-time favorites; roundish-long; skin dark green, mottled light; flesh very sweet and ripens close to the rind. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 90c. per lb.; 5 lbs., \$4.25.

Halbert Honey. The long fruits with blunt ends are very large and weigh often 50 lbs.; the rind is very thin and dark green, while the flesh is a rich crimson and very sweet. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 90c. per lb.; 5 lbs., \$4.25.

Harris' Earliest. One of the best varieties to grow in the northern states on account of its earliness. Fruit oblong and marbled with light and dark green; flesh bright red and of good quality. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 90c. per lb.; 5 lbs., \$4.25.

Kleckley Sweets. One of the sweetest of melons; fine grained and of excellent flavor. The melons average about 20 inches long and ripen early. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 90c. per lb.; 5 lbs., \$4.25.

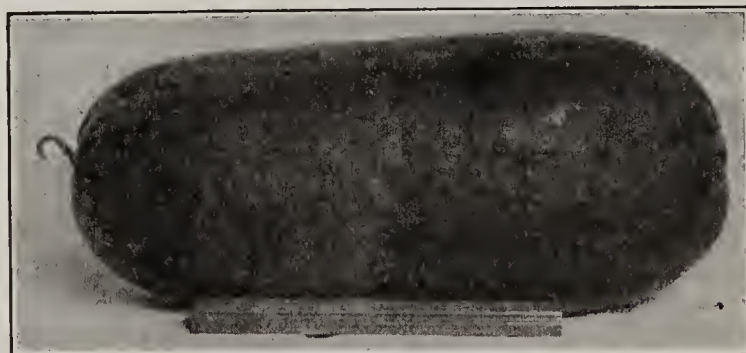
Tangerine. A fine melon for the market or home garden; oval in shape with mottled stripes of light green; flesh pink and of finest quality; when the rind is broken, the flesh separates the same as a tangerine. Pkt., 15c.; 35c. per oz.; $\frac{1}{4}$ lb., 85c.

Tom Watson. A handsome large fruit, frequently 2 feet long and 12 inches in diameter; dark green rind and bright scarlet flesh which is of splendid texture and flavor. The rind being tough, it will resist plenty of abuse. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 90c. per lb.; 5 lbs., \$4.25.

PRESERVING MELON or CITRON

California Red Seeded. A large-fruited variety; pure white flesh and thin rind. Used only for preserves. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.75.

NOTE.—All seeds offered on this page mailed postpaid at prices quoted.

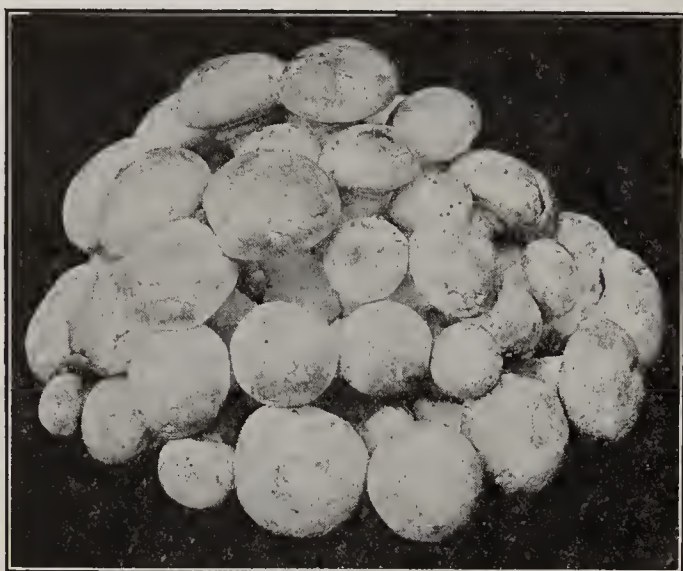


Watermelon, Kleckley Sweets

MARTYNIA (Unicorn Plant)

A bushy plant growing 2 feet in height, bearing clusters of flowers resembling gloxinias which are followed by long green pods, which when picked may be pickled the same as cucumbers, making a very tasty relish.

Proboscidea. 30c. per oz.; $\frac{1}{4}$ lb., 95c.; \$3.50 per lb.



MICHELL'S MUSHROOM SPAWN PURE SPORE CULTURE SPAWN

This spawn is made in quart milk jars under absolutely sterile conditions. The bottle and materials are sterilized under steam pressure, so that every mold, weed seed or insect is destroyed and each bottle contains nothing but the pure spawn; each jar contains enough for 30 to 40 square feet. The sterile spawn is dried thoroughly and each piece wrapped in tissue paper and contains full instructions.

If wanted by Parcel Post, allow 10c. per carton for postage.

Per carton.....	\$0.85	25 cartons.....	\$18.75
12 cartons.....	9.50	60 cartons.....	42.00

PURE CULTURE BRICK SPAWN

A crop is produced with good spawn, a little care and patience in about 5 to 10 weeks, and continues in bearing about two months. New beds can be started at intervals which will give a supply the entire season. One Brick will spawn 8 to 10 square feet. Ask for our Free Booklet on Mushroom Culture.

Pure White

Per brick.....	\$0.30	Per 25 bricks.....	\$5.00
Per 5 bricks.....	1.25	Per 50 bricks.....	10.00
Per 10 bricks.....	2.10	Per 100 bricks.....	19.00
Per 1000 bricks.....	\$185.00		

If wanted by Parcel Post, allow for postage at the rate of 10c. per brick; 15c. per 5 bricks; 25c. per 10 bricks.

MUSHROOM OR HOTBED THERMOMETERS

Iron Point, oxidized finish, \$1.75 each (by parcel post, \$1.90). Thermometers should, wherever possible, be sent by express. We do not guarantee safe arrival if forwarded by parcel post.

BOOKS ON MUSHROOM GROWING

Mushroom Growing (Duggar). 260 pages.....\$2.00
Mushrooms, How to Grow (Falconer). 170 pages..... 1.75

MUSTARD

One ounce will sow a row 75 feet long.

Makes a delicious green salad, pungent in taste, highly palatable and healthy. Fine winter greens if sown in a heated frame or greenhouse, also fine if served with lettuce for flavoring.

Southern Giant Curled. Highly esteemed in the South for the market as well as the home garden; leaves light green, tinged with yellow; crimped and frilled at the edges. 10c. per oz.; ¼ lb., 25c.; 75c. per lb.; 5 lbs., \$3.50.

White or Yellow. Produces small, deeply serrated dark green leaves, which are mild and tender. 10c. per oz.; ¼ lb., 25c.; 65c. per lb.; 5 lbs., \$3.00.

See pages 31 and 32 for Michell's Vegetable Seed Specialties

OKRA OR GUMBO

One ounce will sow a row about 100 feet long.

Perkins' Long Pod. A dwarf type, setting pods when only a foot high. The pods are exceedingly long and tender and of a dark green color. 10c. per oz.; ¼ lb., 25c.; 75c. per lb.; 5 lbs., \$3.50; \$6.50 per 10 lbs.

White Velvet or Creole. The pods of this variety are very free from ridges, are tender and very light green, almost white in color. 10c. per oz.; ¼ lb., 25c.; 75c. per lb.; 5 lbs., \$3.50; \$6.50 per 10 lbs.



All seeds offered on this page, mailed postpaid at quoted prices.



Double Curled Parsley

PARSLEY

Persil (Fr.); Petersilie (Ger.); Prezzemolo (Ital.)
One ounce will sow a row 100 feet long.

Champion Moss Curled. Beautifully crimped and curled; can be cut the year round. 10c. per oz.; ¼ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.75; \$9.00 per 10 lbs.

Double Curled or Covent Garden. An improvement over other varieties; nicely curled leaf which has a tendency to retain its green color the entire season; the best variety for the market garden. The seed we offer is Imported and will produce more densely curled leaves than American grown seed. 10c. per oz.; ¼ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.75; \$9.00 per 10 lbs.

Hamburg or Rooted. The fleshy roots are used for flavoring soups, stews, etc. 10c. per oz.; ¼ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.75; \$9.00 per 10 lbs.

Plain or Single. Leaves not curled. 10c. per oz.; ¼ lb., 30c. \$1.00 per lb.; 5 lbs., \$4.75; \$9.00 per 10 lbs.

Tom Thumb. A very fine extra curled variety, of very dwarf habit, growing uniform in shape and compactness; best for home garden use; also suitable for edging of borders and decorative purposes. 20c. per oz.; ¼ lb., 55c.; \$2.00 per lb.

For Parsley Plants, see page 51.

Starting Early Vegetable and Flowering Plants
under glass

Nissley
350 pages. Price, \$3.00

Ognon (Fr.); Zwiebel (Ger.); Cipolla (Ital.)

For full size onions, one ounce will sow a 100-foot row; 5 to 6 pounds per acre. If it is desired to grow onion sets, sow 40 to 50 pounds per acre.



Prizetaker Onion

Ailsa Craig. A very large variety, often weighing three pounds and over, each; globe-shaped, slightly pointed at the top and base; color, beautiful straw yellow. To obtain best results sow seeds in hotbed and later transplant where it is to grow; in planting place 4 to 6 inches apart and thus procure gigantic specimens. 20c. per oz.; $\frac{1}{4}$ lb., 60c.; \$2.00 per lb.

Bermuda White. Although known as the Bermuda White, it is a light yellow or straw color; early and if transplanted produces immense flat bulbs. In the raw state it is very mild; when cooked, the flesh is tender and of delicious flavor; fine for slicing. 25c. per oz.; $\frac{1}{4}$ lb., 80c.; \$3.00 per lb.

NOTE—Onion seeds mailed postpaid at quoted prices.



PARSNIP

Panais (Fr.); Pastinake (Ger.); Pastinaca (Ital.)

One ounce will sow a row 150 feet long; 5 lbs. per acre.

Improved Sugar or Hollow Crown. A thick, broad-topped root, which makes it lift easily. Flesh is very fine grained and sweet, while the outer surface is smooth and almost white. 10c. per oz; $\frac{1}{4}$ lb., 25c.; 85c. per lb.; 5 lbs., \$4.00.

Large Red Wethersfield. A flat, large variety and an excellent winter keeper; full size onions can be grown in one season. 15c. per oz.; $\frac{1}{4}$ lb., 45c.; \$1.50 per lb.

Prizetaker. A mammoth yellow variety; if sown thinly it produces full size onions in one season from seed, rivaling with the Bermuda varieties for size and flavor, often weighing 3 lbs. or more each. 20c. per oz; $\frac{1}{4}$ lb., 60c.; \$2.00 per lb.

Southport White Globe. An almost round onion, growing to an enormous size. The flesh when cooked is of a rich milky color, of tender and delicious flavor and in the raw state is one of the mildest. 20c. per oz.; $\frac{1}{4}$ lb., 65c.; \$2.50 per lb.

Southport Yellow Globe. Similar to the Danvers except larger in size, more like the Prizetaker. A uniform growing variety, every bulb being almost perfectly round and of the same size; light straw colored skin. 15c. per oz.; $\frac{1}{4}$ lb., 50c.; \$1.75 per lb.

White Barletta. An extra early, small round variety, used principally for pickling, also for bunching. 20c. per oz.; $\frac{1}{4}$ lb., 60c.; \$2.25 per lb.

White Portugal or Silver Skin. The standard white onion for market use; very mild flavor; semi-globe shaped; very uniform in growth and size. 20c. per oz.; $\frac{1}{4}$ lb., 60c.; \$2.25 per lb.

Yellow Globe Danver's. Almost round in shape and is extensively grown by the market gardener on account of its good keeping qualities; dark straw color and always produces a good crop, growing to a large size. 15c. per oz.; $\frac{1}{4}$ lb., 50c.; \$1.75 per lb.

Yellow Strasburg. Skin dark straw color; almost flat in shape, but a large onion. Its fine keeping qualities recommend it to the market gardener. For a yellow sort it is rather mildly flavored; for growing sets more of this variety is sold than any other. 15c. per oz.; $\frac{1}{4}$ lb., 45c.; \$1.50 per lb.



ONION SETS

One quart to 50 foot row; 8 bushels per acre.

Shipped on Local Orders about March 10, unless otherwise requested.

If wanted by parcel post, add 10c. per qt.; 15c. per 4 qts.; 25c. per peck for postage.

	Qt.	4 qts.	Peck	Bush.
Red.....	\$0.15	\$0.50	\$0.80	\$2.75
White.....	.20	.70	1.00	3.25
Yellow.....	.15	.50	.80	2.75
		Lb.	5 lbs.	10 lbs.
White Multiplier.....	\$0.25	\$1.15	\$2.00	
Potato Onions.....	.25	1.15	2.00	
Shallots.....	.25	1.15	2.00	
Garlic Sets.....	.25	1.15	2.00	

If above are wanted by parcel post, add 10c. per lb.; 15c. per 5 lbs.; 20c. per 10 lbs., for postage.

Tree or Top Onions. Ready latter part of August.

Prices on Onion Sets subject to market changes.

Prices on larger quantities quoted on application.

We give 32 lbs. per bushel on Onion Sets, except Tree or Top Onions which are sold on basis of 28 lbs. per bushel.

PEANUTS

Arachide (Fr.); Erdnuss (Ger.); Cece de terra (Ital.)

One bushel nuts unshelled will plant an acre, but shell must be removed beforehand

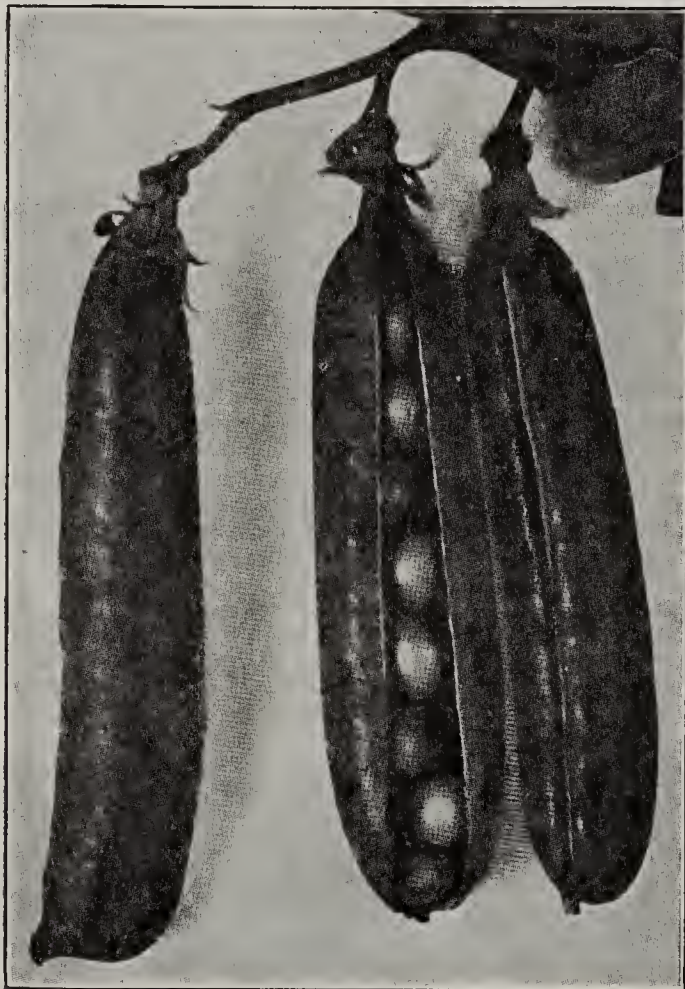
It is generally believed peanuts cannot be grown anywhere north of Virginia, but this is a mistake; most any well-drained garden soil suits them, where they will yield a big crop.

Selected Virginia. 25c. per lb. (by parcel post, 35c.); \$1.00 per 5 lbs. (by parcel post, \$1.15); 10 lbs., \$1.50 (by parcel post, \$1.70)

MICHELL'S CHOICE GARDEN PEAS

Pois (Fr.); Erbsen (Ger.); Pisello (Ital.); 2 lbs. will plant 100 feet of row; 90 to 120 lbs. per acre.

If Peas are wanted by Parcel Post, add for postage as follows: 10c. for 1 lb.; 10c. for 2 lbs.; 15c. for 5 lbs.; 20c. for 10 lbs., up to and including the second zone, for other zones, please add additional postage, larger quantities by express or freight.



Peas, Laxtonian

EXTRA EARLY VARIETIES

Alaska. Smooth seeded, very early; height, 2½ feet. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.90; \$4.25 per 25 lbs.; 100 lbs., \$15.00.

Dandy Extra Early. Smooth seeded, prolific and desirable for the market garden; height 24 inches. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.80; \$4.00 per 25 lbs.; 100 lbs., \$14.00.

Early Eight Weeks. One of the earliest dwarf varieties, commencing to bear 6½ weeks after planting; medium sized pods, well filled with luscious peas; height, 12 to 15 inches. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.30; \$5.25 per 25 lbs.; 100 lbs., \$18.00.

Early June. A green seeded smooth pea, desirable for first planting; an improvement on Alaska; height, 2½ feet. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.90; \$4.25 per 25 lbs.; 100 lbs., \$15.00.

Gradus or Prosperity. Extremely early and of the finest quality; wrinkled, luscious and a producer of gigantic pods and peas; height, 36 inches. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.30; \$5.25 per 25 lbs.; 100 lbs., \$18.00.

Laxtonian. A fine early, dwarf sort; pods large and well filled with peas of fine quality; height, 18 inches. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.30; \$5.25 per 25 lbs.; 100 lbs., \$18.00.

Little Marvel. Wrinkled; dwarf; prolific and sweet; height, 18 to 20 inches. 35c. per lb.; 2 lbs., 65c.; \$1.50 per 5 lbs.; 10 lbs., \$2.70; \$6.00 per 25 lbs.; 100 lbs., \$21.00.

Nott's Excelsior. An early wrinkled pea, producing heavy crops. One of the leading varieties for the market garden; height, 15 inches. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.90; \$4.50 per 25 lbs.; 100 lbs., \$16.00.

Special Extra Early. Smooth seeded; extremely early, sweet, tender and a great yielder; height, 24 inches. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.90; \$4.50 per 25 lbs.; 100 lbs., \$16.00.

Sutton's Excelsior. This variety is quite hardy and can be planted earlier than most other wrinkled sorts; very early; long broad pods, well filled; height, 16 inches. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.90; \$4.50 per 25 lbs.; 100 lbs., \$16.00.

Thos. Laxton. On a par with Gradus in quality; heavy producer; wrinkled; pods large and filled to the tip with large peas of excellent flavor; height, 36 inches. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.30; \$5.25 per 25 lbs.; 100 lbs., \$18.00.

SECOND EARLY VARIETIES

Bliss Abundance. Produces very large pods containing six and more peas of delicious flavor; a great yielder; wrinkled; height, 20 inches. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.90; \$4.50 per 25 lbs.; 100 lbs., \$16.00.

Daisy or Dwarf Telephone. One of the best medium early sorts; wrinkled and very sweet; height, 18 inches. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.30; \$5.25 per 25 lbs.; 100 lbs., \$18.00.

Potlatch. A wrinkled variety, similar to Daisy; very sweet; pods well filled with peas. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.90; \$4.50 per 25 lbs.; 100 lbs., \$16.00.

LATER CROP VARIETIES

Champion of England. A tall rank grower and a wonderful yielder of delicious quality peas; seed wrinkled; height, 5 feet. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.90; \$4.50 per 25 lbs.; 100 lbs., \$16.00.

Dwarf Champion. Possesses most all of the good qualities of the famous Champion of England and has the further advantage of being dwarf; a delicious pea; height, 2 feet. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.90; \$4.25 per 25 lbs.; 100 lbs., \$15.00.

Tall Telephone. A late wrinkled variety; very sweet; abundant producer; height, 3½ feet. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.30; \$5.25 per 25 lbs.; 100 lbs., \$18.00.

Yankee Prince. A large podded wrinkled sort; pods often measure 6 inches in length, and well filled with large peas of delicious flavor; height, 4 feet. 30c. per lb.; 2 lbs., 55c.; \$1.25 per 5 lbs.; 10 lbs., \$2.30; \$5.25 per 25 lbs.; 100 lbs., \$18.00.

SUGAR OR EDIBLE POD PEAS

Dwarf Gray Sugar. Gray seed; height, 2 feet. 25c. per lb.; 2 lbs., 45c.; \$1.00 per 5 lbs.; 10 lbs., \$1.90; \$4.25 per 25 lbs.; 100 lbs., \$16.00.

Tall Luscious Sugar. Height, 4 feet. 35c. per lb.; 2 lbs., 65c.; \$1.45 per 5 lbs.; 10 lbs., \$2.60; \$5.75 per 25 lbs.; 100 lbs., \$20.00.

INOCULATING BACTERIA FOR PEAS

See third cover page.

SEMESAN (Du Pont)

Increases germination, stand and yield. See page 99.

Testimonial

Maryville, Tenn.
We are rounding out our 16th year as the oldest florists in Maryville by ten years and can say that your seeds are at the top of the list.

C. R. Coulter.

PEPPER

Piment (Fr.); Pfeffer (Ger.); Peperone (Ital.). One ounce will produce about 1200 plants

Bell or Bull Nose. One of the earliest varieties; plants sturdy and produce great numbers of green fruit, turning later to vivid scarlet; flesh fairly thick and slightly hot or pungent. 30c. per oz.; $\frac{1}{4}$ lb., 95c.; \$3.50 per lb.

California Wonder. A new variety of great merit; large fruits of a glossy green color, turning later to vivid red; flesh thick and can be eaten like an apple. A great producer in the latitude of Philadelphia and points south. 45c. per oz.; $\frac{1}{4}$ lb., \$1.60; \$6.00 per lb.

Chinese Giant. A monster pepper; sweet, green fruit, turning to bright scarlet; matures very late; a shy seeder; fine for stuffed mangoes. 45c. per oz.; $\frac{1}{4}$ lb., \$1.55; \$6.00 per lb.

Golden Dawn. A large yellow variety; shaped like the Chinese Giant; very sweet. 40c. per oz.; $\frac{1}{4}$ lb., \$1.35; \$5.00 per lb.

Harris' Early Giant. Enormous yielder of extra large fruits, measuring 5 inches long and $3\frac{1}{2}$ inches in diameter; deep green, turning to brilliant red; flesh thick and of a sweet, pleasant flavor. 45c. per oz.; $\frac{1}{4}$ lb., \$1.55; \$6.00 per lb.

Hungarian Wax. Golden yellow when young, turning later to scarlet; the fruits average about $2\frac{1}{2}$ inches in diameter and 4 to 5 inches long; very hot and are used principally for pickling. 60c. per oz.; $\frac{1}{4}$ lb., \$1.95; \$7.50 per lb.

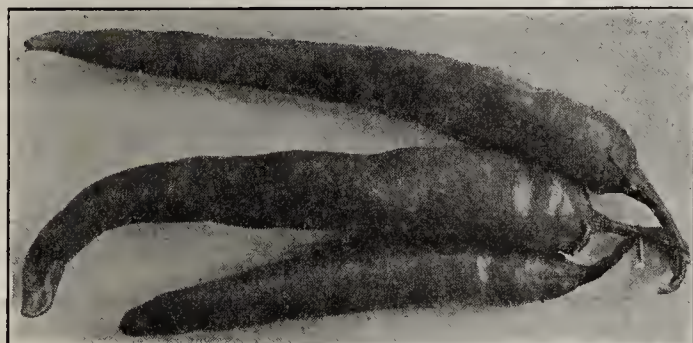
Long Red Cayenne. Very hot and used principally for bunching with pot herbs. 35c. per oz.; $\frac{1}{4}$ lb., \$1.10; \$4.00 per lb.

Neapolitan. Early; large size; thick meated; mild flavor; bright red when ripe. 30c. per oz.; $\frac{1}{4}$ lb., \$1.00; \$3.75 per lb.

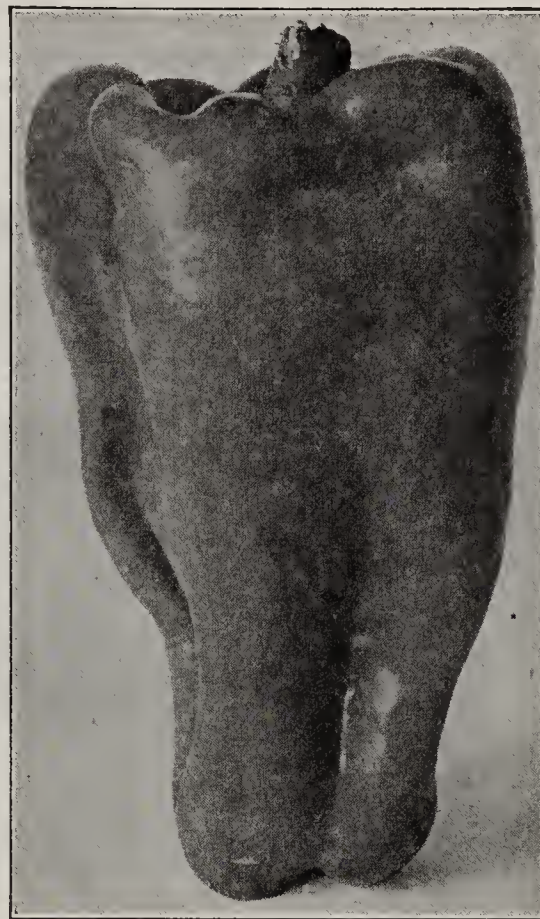
Pimiento. A uniformly shaped, sweet variety; green fruit, changing to red when ripe. 25c. per oz.; $\frac{1}{4}$ lb., 80c.; \$3.00 per lb.

Red Chili. Fruit rich red, about 2 inches long; very hot when ripe. 40c. per oz.; $\frac{1}{4}$ lb., \$1.35; \$5.00 per lb.

Ruby Giant. Very large; adapted for stuffing; mild flavor; large green fruits turning vivid scarlet. 35c. per oz.; $\frac{1}{4}$ lb., \$1.10; \$4.00 per lb.



Long Red Cayenne Pepper



Pepper, Ruby King

Ruby King. From 5 to 6 inches long and about 3 inches in diameter; green in color, turning to red as they mature; flesh fairly thick and mild in flavor. 30c. per oz.; $\frac{1}{4}$ lb., 95c.; \$3.50 per lb.

Tomato or Squash. Upright growth; fruit small and shaped like a tomato; mild flavor. 35c. per oz.; $\frac{1}{4}$ lb., \$1.20; \$4.50 per lb.

World Beater. This variety is very similar to Ruby Giant, but rather larger. Choice seed grown in New Jersey. 35c. per oz.; $\frac{1}{4}$ lb., \$1.10; \$4.00 per lb.

For Pepper Plants, see page 51

All seeds on this page mailed free at prices quoted.

MICHELL'S SEED POTATOES

Pomme de Terre (Fr.); Kartoffel (Ger.); Patata (Ital.)

Our Potatoes are Grown Expressly for Seed Purposes. Plant 12 to 14 Bushels per Acre.

TIME OF SHIPMENT.—Potato shipping with us commences about March 15th (weather permitting), unless otherwise requested. We can ship them at customer's risk any time during cold weather.

Our potatoes are put up in sacks of $2\frac{1}{2}$ bushels each. **Beats Them All (Michell's).** This variety has given the best results wherever tried; quality fine; extremely early, coming in about one week or ten days earlier than Early Rose. Oblong in shape.

Early Rose (Houlton or Maine). A leading variety for earliness, quality and productiveness; pink skin; oblong shape.

Green Mountain. General crop variety; white; roundish flav.

Irish Cobbler. One of the earliest varieties; a splendid sort; almost round in shape; heavy producer.

Jersey Redskin. For late planting in July, doing especially well in light sandy soil.

Russet. A splendid late variety; medium size, flat and roundish in shape; quite immune to attacks of blight, etc.

State of Maine. An old favorite, grown by every gardener; good keeper; flat in shape.

REGARDING POTATO PRICES

At the time of printing this catalog prices for potatoes could not be anticipated. We can, however, assure our customers that we will fill their orders at a reasonable price for first class quality.

CONCAVE POTATO KNIFE

For cutting out the eyes of seed potatoes prior to planting. Made of best steel with concave blade. 35c. each.

SEMESAN BEL (Du Bay)

For treating Seed Potatoes before planting.

Simply mix, dip, drain, dry and your seed potatoes are ready for planting; may be used on either whole or cut seed pieces; effectively controls such seed-borne disease organisms as scab, rhizoctonia and black-leg. By controlling these diseases, germination is generally increased, stand improved and the resultant crop bigger and of better quality. One pound treats 16 to 20 bushels of seed. Per 4 oz., 50c.; \$1.75 per lb.; 5 lbs., \$8.00; \$31.25 per 25 lbs.; 100 lbs., \$120.00.

MICHELL'S SELECT RADISH SEED

Radis (Fr.); Radies (Ger.); Ravanelli (Ital.)

One ounce of seed will sow a row 75 feet long; 8 to 10 lbs. are required for an acre



Early Scarlet Globe (Short Top)

EARLY VARIETIES

Crimson Giant. Early, globe shaped and of large size; crisp, solid flesh; remains a long time without getting pithy. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 85c. per lb.; 5 lbs., \$4.00; \$7.50 per 10 lbs.; 25 lbs., \$17.50.

Early Scarlet Globe (Short Top). A popular variety for hot-bed or greenhouse; also valuable for outdoor planting; very early, crisp and mild. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.; 5 lbs., \$6.00; \$11.50 per 10 lbs.; 25 lbs., \$27.50.

EARLY VARIETIES—Continued

Early Scarlet or Cardinal Globe. Very attractive in shape and color having pure white flesh, outer skin brilliant scarlet; crisp and of delicious flavor; the most popular of all varieties; 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 85c. per lb.; 5 lbs., \$4.00; \$7.50 per 10 lbs.; 25 lbs., \$17.00.

French Breakfast. Oblong shape; rapid grower; mild and tender; scarlet, tipped with white. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 85c. per lb.; 5 lbs., \$4.00; \$7.50 per 10 lbs.; 25 lbs., \$17.50.

Icicle. A white variety of fine quality; grows $3\frac{1}{2}$ to 4 in. long in 22 days. Suitable for forcing or for growing outside. Our stock of this is grown from carefully selected roots. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 85c. per lb.; 5 lbs., \$4.00; \$7.50 per 10 lbs.; 25 lbs., \$17.50.

Long Scarlet Short Top. A favorite variety; long bright scarlet, with small top. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 85c. per lb.; 5 lbs., \$4.00; \$7.50 per 10 lbs.; 25 lbs., \$17.50.

Philadelphia White Box. A selection of the old White Box radish; more perfect form, producing shorter tops and does not have a tendency to grow long in shape. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 85c. per lb.; 5 lbs., \$4.00; \$7.50 per 10 lbs.; 25 lbs., \$17.50.

Round Red or Button. Very quick in maturing; splendid for hot-bed or garden culture. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 85c. per lb.; 5 lbs., \$4.00; \$7.50 per 10 lbs.; 25 lbs., \$17.50.

Scarlet Turnip, White Tipped. A fine early scarlet variety. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 85c. per lb.; 5 lbs., \$4.00; \$7.50 per 10 lbs.; 25 lbs., \$17.50.

SUMMER AND WINTER VARIETIES

Celestial or White Chinese. Large size; pure white; and excellent keeper. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.75; \$9.00 per 10 lbs.; 25 lbs., \$21.25.

China Rose. Bright rose color; flesh firm. One of the best for winter use. Half long in shape, with a scarlet blunt tip. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.75; \$9.00 per 10 lbs.; 25 lbs., \$21.25.

Long Black Spanish. Of large size; skin black, flesh white; very firm. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.75; \$9.00 per 10 lbs.; 25 lbs., \$21.25.

White Strasburg. Oblong, of a pure white color and mild flavor; a splendid variety for summer. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.75; \$9.00 per 10 lbs.; 25 lbs., \$21.25.

NOTE—All seeds offered on this page mailed postpaid at prices quoted.

PUMPKIN

Potiron (Fr.); Kurbis (Ger.); Zucca (Ital.). One ounce will plant 25 to 50 hills; 4 to 5 lbs. for an acre.

Connecticut or Common Field. Almost round; fruit produced in abundance; flesh coarse and suitable only for stock feeding; color, light yellow. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.

Japanese Pie. A crooked-necked variety; deep green with darker stripes, which turn to a rich golden yellow. The fruit sets and matures early. 15c. per oz.; $\frac{1}{4}$ lb., 40c.; \$1.25 per lb.

King of the Mammoths. Grows to an enormous size; orange-salmon skin, bright yellow flesh, fine grained and of excellent quality for pies. 20c. per oz.; $\frac{1}{4}$ lb., 50c.; \$2.00 per lb.

Large Cheese. A very large, flat ribbed fruit, of a beautiful buff yellow color; flesh is of fine quality. An enormous producer; ideal for the market, home gardens and canning purposes. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.

RHUBARB

Rhubarbe (Fr.); Rhabarber (Ger.); Rabarbaro (Ital.)

Victoria. Immense long stalks of a cherry red color, which cook splendidly; have no strings or coarse matter. The most popular variety. 20c. per oz.; $\frac{1}{4}$ lb., 45c.; \$1.50 per lb.

RHUBARB ROOTS

(Ready April 1st for Spring planting; October 1st for Fall planting)

Victoria. \$1.00 per doz. (by parcel post, \$1.20); per 100, \$7.00; \$60.00 per 1000.

ITALIAN ROCKET OR RUCOLA

Greatly relished in salads and quite tasty in soups; the leaves which are of a dark green color, greatly resemble sorrel; it is slightly pungent, but flavor is distinct and appetizing. 30c. per oz.; $\frac{1}{4}$ lb., 85c.; \$3.00 per lb.; 5 lbs., \$14.75.

Mammoth Cashaw or Golden Crook Neck. A very meaty sort, suitable for pie or stock feeding purposes; flesh golden yellow and very tender. 15c. per oz.; $\frac{1}{4}$ lb., 35c.; \$1.25 per lb.

Tennessee Sweet Potato. An oblong-shaped, medium-sized variety with a very light buff yellow skin. For pies it is delicious, while for cooking for table use it is dry and tasty. 15c. per oz.; $\frac{1}{4}$ lb., 35c.; \$1.25 per lb.

Winter Luxury. Known as the New England pie pumpkin. The skin is a russet yellow, while the flesh is golden orange when ripe. 15c. per oz.; $\frac{1}{4}$ lb., 35c.; \$1.25 per lb.

SALSIFY (Oyster Plant)

Salsifis (Fr.); Hafer Wurzel (Ger.); Salsefia (Ital.)

One ounce of seed will sow about 50 ft. of drill, 10 lbs. per acre

Mammoth Sandwich Island. This variety is of enormous size, twice as large as the ordinary white; pure white, very tender and delicious. 25c. per oz.; $\frac{1}{4}$ lb., 65c.; \$2.25 per lb.



Spinach, Bloomsdale Long Standing Savoy

SPINACH

Epinaud (Fr.); Spinat (Ger.); Spinaccio (Ital.)

One ounce to 75 feet of drill; 10 to 12 lbs. per acre

Bloomsdale Long Standing Savoy. The long standing characteristics of this variety make it valuable for spring sowing, as it will stand considerable heat before bolting to seed; leaves thick, crimped and fleshy. 15c. per $\frac{1}{4}$ lb.; lb., 40c.; \$1.75 per 5 lbs.; 10 lbs., \$3.00; \$6.25 per 25 lbs.; 100 lbs., \$19.00.

King of Denmark. A variety which stands a long while without running to seed; large yielder and of excellent quality. 15c. per $\frac{1}{4}$ lb.; lb., 40c.; \$1.75 per 5 lbs.; 10 lbs., \$3.00; \$6.25 per 25 lbs.; 100 lbs., \$20.00.

Long Season. Produces large plants and leaves, which are strong, robust and crinkled. It will resist a great deal of heat without shooting to seed; color, a beautiful dark green. 15c. per $\frac{1}{4}$ lb.; lb., 40c.; \$1.75 per 5 lbs.; 10 lbs., \$3.00; \$6.25 per 25 lbs.; 100 lbs., \$18.00.

Market Gardeners. This new variety is a decided improvement on all other kinds; leaves broad, heavy and of a dark green glossy color, very heavily blistered; will stand a week or ten days longer without shooting to seed than any variety we know of. 15c. per $\frac{1}{4}$ lb.; lb., 50c.; \$2.00 per 5 lbs.; 10 lbs., \$3.00; \$6.25 per 25 lbs.; 100 lbs., \$21.00.

Dark Green Leaved Savoy. A handsome variety; dark green leaves, curled or blistered like a Savoy cabbage. 15c. per $\frac{1}{4}$ lb.; lb., 50c.; \$2.00 per 5 lbs.; 10 lbs., \$3.00; \$6.25 per 25 lbs.; 100 lbs., \$21.00.

Virginia Blight Resistant Savoy. A low growing, spreading variety of vigorous growth, which is immune from disease; one of the most popular varieties for market. Excellent for fall sowing. 15c. per $\frac{1}{4}$ lb.; lb., 40c.; 5 lbs., \$1.75; \$3.00 per 10 lbs.; 25 lbs., \$6.25; \$20.00 per 100 lbs.

New Zealand. This variety endures heat and drought; excellent for summer use; the leaves are small and thick. Enormous yielder, growing upright; one sowing can be picked from the entire summer. Do not confuse this with other varieties of spinach, as the seed should be sown about May 15th. In order to get a successful germination of the seed, it should be soaked in warm water for about 12 hours before sowing. 10c. per oz.; $\frac{1}{4}$ lb., 25c.; 75c. per lb.; 5 lbs., \$3.50; \$6.50 per 10 lbs.

SORREL

Oseille (Fr.); Sauerrampfer (Ger.); Acetosa (Ital.)

Relished principally by the French people, who use it as a spinach dressing, also as a salad. Has an acid flavor. The seed stalks should be cut off when they appear. 15c. per oz.; $\frac{1}{4}$ lb., 50c.; \$1.75 per lb.; 5 lbs., \$8.50; \$16.50 per 10 lbs.

All seeds on this page mailed free at prices quoted, in quantities up to 10 pounds.

SQUASH

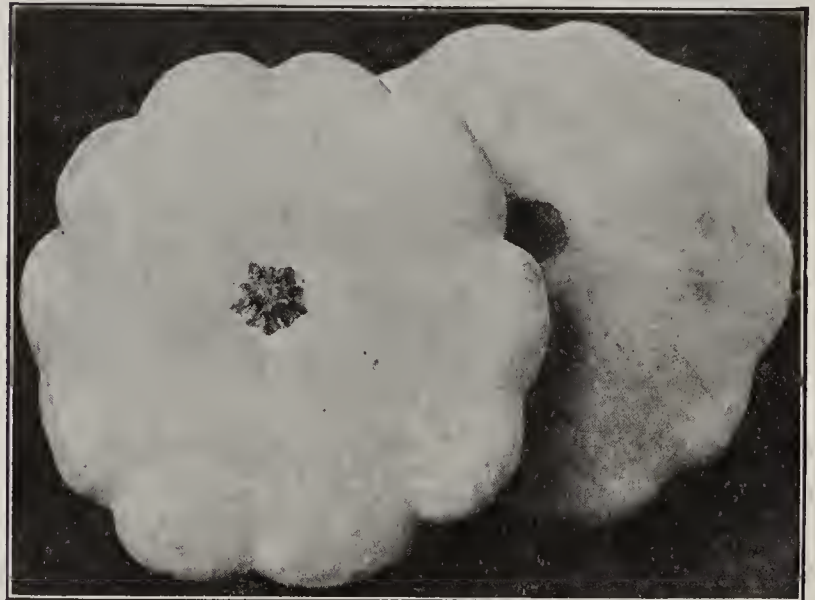
Courge (Fr.); Kurbis (Ger.); Zucca (Ital.)
One ounce will plant 20 to 50 hills, 3 to 4 lbs. for an acre.

SUMMER VARIETIES

Cocozelle or Italian. This is a bush variety with smooth fruits, dark green in color, striped deeper. 10c. per oz.; $\frac{1}{4}$ lb., 35c.; \$1.25 per lb.; 5 lbs., \$6.00.

Giant Yellow Summer Crook Neck. Shaped like a club with a bent neck. The skin is very rough and warted, and of an orange yellow color. This is a variety with a running vine. 15c. per oz.; $\frac{1}{4}$ lb., 45c.; \$1.50 per lb.; 5 lbs., \$7.25.

Large Yellow Bush. An improvement on the Golden Custard; 4 to 5 days earlier and of finer quality; scalloped; color, creamy yellow; ready for the table in about 55 days. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; \$1.00 per lb.; 5 lbs., \$4.75.



Squash, Mammoth White Bush

Mammoth White Bush. Of round scalloped form with an ivory white skin. One of the earliest to mature and is very prolific, bearing continually until killed by frost. 10c. per oz.; $\frac{1}{4}$ lb., 35c.; \$1.15 per lb.; 5 lbs., \$5.25.

FALL AND WINTER VARIETIES

Blue Hubbard. A selection from the original Hubbard. The fruit is of a gray blue color; grows large, is a remarkably good keeper and of excellent quality. 20c. per oz.; $\frac{1}{4}$ lb., 55c.; \$2.00 per lb.; 5 lbs., \$9.50.

Boston Marrow. Shaped similar to Hubbard; golden orange; fine for canning for winter use, cooked as a vegetable or in pie. 10c. per oz.; $\frac{1}{4}$ lb., 30c.; 90c. per lb.; 5 lbs., \$4.25.

Delicious. Extra fine flavor; of oblong shape with deep green skin and thin rind; seed cavity so small that it almost meets in the center. One of the best winter keepers; grown extensively for market and is in its prime during the early winter. 20c. per oz.; $\frac{1}{4}$ lb., 55c.; \$1.75 per lb.; 5 lbs., \$8.50.

Golden Hubbard. Used extensively for pie, but served as a vegetable, it is very dry and delicious. The outside is a deep orange red; flesh very tender. 20c. per oz.; $\frac{1}{4}$ lb., 55c.; \$1.75 per lb.; 5 lbs., \$8.50.

Hubbard (True). Fruits large, olive-shaped, with dark green skin and rich flesh; excellent keeper. 15c. per oz.; $\frac{1}{4}$ lb., 45c.; \$1.50 per lb.; 5 lbs., \$7.25.

Vegetable Marrow. A long, greenish white variety; fine for cooking; very sweet and tender. A favorite with the English people. 10c. per oz.; $\frac{1}{4}$ lb., 35c.; \$1.25 per lb.; 5 lbs., \$6.00.

TOBACCO SEED

The flower is very sweet scented; the leaves may be dried, cured and made into smoking tobacco and cigars. Sow in a box indoors, transplanting when 3 inches high in thumb pots and set outdoors in May.

	Oz.	$\frac{1}{4}$ lb.	Lb.
Connecticut Seed Leaf	\$0.35	\$1.10	\$4.00
Havana	.40	1.20	4.50
Pennsylvania Seed Leaf	.35	1.10	4.00

MICHELL'S SELECT TOMATO SEEDS

Pomme d'Amour (Fr.); Liebsapfel (Ger.); Pomo d'oro (Ital.)
One ounce will produce 3500 plants; ¼ lb. will produce enough for an acre
NOTE—All seeds offered on this page mailed free at prices quoted.



Tomato, Marglobe

Marglobe. A new variety of special merit, the origin of which is credited to the U. S. Dept. of Agriculture. It is immune from the nail-head rust and tomato blight; globe-shaped, smooth, rich scarlet color and of excellent quality. 35c. per oz.; ¼ lb., \$1.10; \$4.00 per lb.

Matchless. Large red fruit; a general crop variety. 35c. per oz.; ¼ lb., \$1.10; \$4.00 per lb.

Michell's Crackerjack. One of the best early tomatoes; very productive; quite free from acid. Color, rich red and produced in clusters. 30c. per ½ oz.; oz., 50c.; \$1.60 per ¼ lb.



Oxheart Tomato

Beauty. One of the largest varieties; purplish pink, solid and meaty. 30c. per oz.; ¼ lb., 95c.; \$3.50 per lb.

Bonny Best. One of the most prolific of early tomatoes; of medium size, very solid and evenly formed; color, bright red. 30c. per oz.; ¼ lb., 95c.; \$3.50 per lb.

Break O'Day. A development of the U. S. Dept. of Agriculture and a wilt resistant variety; the vines being of open habit permits the sun to ripen the fruit much earlier than some varieties; globular in shape, large, smooth, meaty and of a good red color. 35c. per oz.; ¼ lb., \$1.20; \$4.50 per lb.

Chalk's Early Jewel. A favorite variety with the market gardener. Color, bright red, solid and a good shipper. 30c. per oz.; ¼ lb., 95c.; \$3.50 per lb.

Crimson Cushion or Beefsteak. A vigorous grower; immense crimson scarlet solid fruit; excellent for either slicing or canning; very meaty and with but few seeds. 25c. per ½ oz.; oz., 40c.; \$1.35 per ¼ lb.; lb., \$5.00.

Dwarf Champion. A distinct type; very dwarf and compact; color, purplish pink; very solid; late maturer. 35c. per oz.; ¼ lb., \$1.20; \$4.50 per lb.

Dwarf Stone. A dwarf compact growing plant, yielding a large crop of medium-sized, very solid tomatoes. Color, bright red; late cropper. 35c. per oz.; ¼ lb., \$1.20; \$4.50 per lb.

Earliana (Penn State). The most prolific early tomato ever produced; grows in clusters; medium in size, solid and very desirable. 35c. per oz.; ¼ lb., \$1.20; \$4.50 per lb.

Early Detroit. A productive, purple sort; large smooth; excellent quality. 35c. per oz.; ¼ lb., \$1.10; \$4.00 per lb.

Golden Ponderosa. The best large golden yellow variety; early smooth and of excellent quality; similar in shape to the regular Ponderosa. 50c. per oz.; ¼ lb., \$1.60; \$6.00 per lb.

Golden Queen. Large yellow fruit; very sweet; splendid for preserving. 35c. per oz.; ¼ lb., \$1.20; \$4.50 per lb.

Greater Baltimore. A main crop variety; fruit large and of a brilliant red color; ripens evenly to the stem. 25c. per oz.; ¼ lb., 85c.; \$3.00 per lb.

John Baer. The very first tomato to fruit in the garden; plants dwarf; fruit of medium size, red and very uniform. 30c. per oz.; ¼ lb., 95c.; \$3.50 per lb.

June Pink. A variety similar to the Earliana in size and shape; color, purplish-pink; uniform in shape and size; flesh solid and of fine texture. 35c. per oz.; ¼ lb., \$1.20; \$4.50 per lb.

Livingston's Globe. A smooth pink variety; globe shaped; medium early; solid, meaty and with fairly thick skin; fruit set in clusters of five to seven; extensively planted in the South and does equally well in the North. 35c. per oz.; ¼ lb., \$1.10; \$4.00 per lb.

Oxheart. A main crop, pink fruited sort which has become very popular in certain sections, due to its shape (that of a heart) and its great solidity; a shy seeder; meaty; very little acid; quality fine; some of the fruits grow to an enormous size. 70c. per oz.; ¼ lb., \$2.60; \$10.00 per lb.

Ponderosa. The largest tomato in existence; a beautiful purplish pink. 50c. per oz.; ¼ lb., \$1.60; \$6.00 per lb.

Red Rock. One of the most solid varieties; medium early and of a brilliant red color; a fine one for the market garden. 25c. per oz.; ¼ lb., 85c.; \$3.00 per lb.

The Pritchard. The last origination of the late Dr. Pritchard of the U. S. Dept. of Agriculture. Undoubtedly the best of all recent introductions; the shape and outside color compare favorably with Break O'Day; the color of the inside is dark red; a good canning sort as well as a fine variety for slicing. 35c. per ½ oz.; oz., 60c.; \$2.10 per ¼ lb.; lb., \$8.00.

Stone. An old time favorite and still going strong; large handsome red fruit with smooth skin; recommended for a main crop. 25c. per oz.; ¼ lb., 85c.; \$3.00 per lb.

FORCING TOMATOES

Bides' Recruit. Medium size, bright red. 25c. per ½ oz.; oz., 40c.; \$1.35 per ¼ lb.

Comet. Deep scarlet, medium size. 25c. per ½ oz.; oz., 40c.; \$1.35 per ¼ lb.

Lloyd Forcing. Red; very productive. Pkt., 50c.; \$1.50 per ½ oz.; oz., \$2.50; \$9.00 per ¼ lb.

Sutton's Perfection (Imported). Original pkt., \$1.00; 3 pkts., \$2.85.

SMALL FRUITED TOMATOES

	½ oz.	Oz.	¼ lb.
Red Cherry.....	\$0.30	\$0.50	\$1.60
Red Peach.....	.30	.50	1.60
Yellow Plum.....	.30	.50	1.60
Strawberry or Husk.....	.30	.50	1.60

For Tomato Plants, see page 51

Herbst Ruben (Ger.); Navet (Fr.); Navone, Rapa (Ital.)
One ounce will sow 100 feet of drill; 2 lbs. per acre, broadcast.

NOTE—All seeds, not plants, on this page mailed post-paid at quoted prices.



Turnips

TURNIP

Aberdeen. A globe-shaped yellow variety; a good winter keeper. 10c. per oz.; ¼ lb., 20c.; 50c. per lb.; 5 lbs., \$2.25; \$4.00 per 10 lbs.
Cow Horn. A long white variety used for soiling and stock feeding. 10c. per oz.; ¼ lb., 20c.; 50c. per lb.; 5 lbs., \$2.25; \$4.00 per 10 lbs.
Early Purple Top Flat. A very popular variety; large yielder; well flavored. Desirable for early market trade. 10c. per oz.; ¼ lb., 20c.; 50c. per lb.; 5 lbs., \$2.25; \$4.00 per 10 lbs.
Early White Flat Dutch (Strap Leaf). Produces a medium size root; very early and of fine quality. 10c. per oz.; ¼ lb., 20c.; 50c. per lb.; 5 lbs., \$2.25; \$4.00 per 10 lbs.
Japanese Foliage. A two-purpose variety; the root or bulb as well as the top is edible; the top when cooked is very juicy, tender and of a mild turnip flavor. 10c. per oz.; ¼ lb., 25c.; 60c. per lb.; 5 lbs., \$2.75; \$5.00 per 10 lbs.
Purple Top White Globe. A careful selection and an improvement on the ordinary variety. Large, perfect shape; skin purple at top and white at bottom; pure white flesh, firm, fine grained and of excellent flavor. 10c. per oz.; ¼ lb., 20c.; 50c. per lb.; 5 lbs., \$2.25; \$4.00 per 10 lbs.
Snowball. A pure white globe variety, almost round; early. 10c. per oz.; ¼ lb., 20c.; 50c. per lb.; 5 lbs., \$2.25; \$4.00 per 10 lbs.
Southern Seven Top. Cultivated extensively in the South for the tops which are used as greens; also a favorite green food for stock. Not generally depended on for the root. 10c. per oz.; ¼ lb., 20c.; 50c. per lb.; 5 lbs., \$2.25; \$4.00 per 10 lbs.
Yellow Globe or Amber. Shaped like the Purple Top Globe, but the color is like that of a Yellow Ruta Baga. 10c. per oz.; ¼ lb., 20c.; 50c. per lb.; 5 lbs., \$2.25; \$4.00 per 10 lbs.

RUTA BAGA

Private Stock Purple Top Yellow. An ideal variety. Top purple, bottom yellow. Our strain of Ruta Baga is grown from selected roots and will be found highly satisfactory. 10c. per oz.; ¼ lb., 25c.; 75c. per lb.; 5 lbs., \$3.50; \$6.50 per 10 lbs.

MICHELL'S RECLEAVED BIRD SEEDS, PET SUPPLIES, ETC.

Prices quoted upon application

Canary. Plain Sicily.
Canary, Mixed.
Hemp Seed.
Millet Seed. (Imported)
Rape Seed.
Unhulled Rice.

Thistle Seed.
Bird Manna.
Cuttle Fish Bone.
Fish Food. For aquariums.
Lettuce Seed.

Maw Seed.
Parrot Food (Spratt's).
Sand for Bird Cages. Fine, red or silver. Silver (coarse).
Song Restorer for Canaries.

SUNFLOWER SEED

We are very large handlers of this important food for parrots. Our customers may depend upon getting a very choice article.

VEGETABLE PLANTS AND ROOTS, ETC.

ARTICHOKE PLANTS (Ready in April)

Green Globe. Pot grown. \$1.35 per doz.; per 100, \$8.00. Not available.

ARTICHOKE ROOTS (Ready in April)

Jerusalem. 15c. per lb.

ASPARAGUS (Ready about March 20th)

	2 Year Old Roots	100 By P.P.	1000
Barr's Mammoth.....	\$1.00	\$1.15	\$8.50
Giant Argenteuil.....	1.00	1.15	8.50
Palmetto or Eclipse.....	1.00	1.15	8.50
Washington.....	1.25	1.40	10.50

BRUSSELS SPROUTS (Ready in July)

75c. per 100 (by P. P., 85c.); per 1000, \$5.00.

CABBAGE

Early Sorts. From hotbeds. Per 100, 60c. (by P. P., 75c.); \$5.00 per 1000.

Cold Frame Plants. Transplanted. Per 100, 80c. (by P. P., 95c.); \$7.00 per 1000.

Late Sorts. Danish Ball Head and Late Flat Dutch only. Ready July 1st. Per 100, 60c. (by P. P., 75c.); \$4.50 per 1000.

CELERY (Ready in July)

Leading varieties. 60c. per 100 (by P. P., 75c.); per 1000, \$4.50.

CHIVES

Strong plants. Per doz., \$1.25 (by P. P., \$1.45); \$8.00 per 100.

EGG PLANT (Ready May 15th)

New York Improved and Black Beauty. Pot grown at our own nurseries. Per doz., 60c.; \$4.75 per 100. Not available.

LAVENDER (Herb)

Pot grown. Per doz., \$2.00; \$15.00 per 100. Not available.

MINT (Herb)

Peppermint. Pot grown. Doz., \$1.25; \$8.00 per 100.

Spearmint. Pot grown. Doz., \$1.25; \$8.00 per 100. Not available.

PARSLEY (Ready in April)

Pot grown. 75c. per doz.; per 100, \$5.75. Not available.

PEPPER (Ready in May)

Pot grown. 60c. per doz.; per 100, \$4.75. Not available.

RHUBARB ROOTS (Ready April 1st for Spring planting; October 1st for Fall planting)

Victoria. \$1.00 per doz. (by P. P., \$1.20); per 100, \$7.00.

ROSEMARY (Herb)

Pot grown. \$2.25 per doz.; per 100, \$15.00. Not available.

SWEET POTATO (Ready in May)

Red Nansemond. Per 100, 60c. (by P. P., 70c.); \$4.00 per 1000.

Yellow Nansemond. Per 100, 60c. (by P. P., 70c.); \$4.00 per 1000.

Sweet Potato Plants are shipped at buyers' risk and not less than 100 of a variety can be supplied.

TOMATO

Pot grown. 65c. per doz.; per 100, \$4.50; \$42.50 per 1000.

Price on hotbed grown Tomato plants upon application.

Our connections with the best grass seed producers in America and Europe place us in a position of advantage for our supplies, chiefly because of the great volume of grass seeds we contract for. Some people have an idea that price is the only factor to consider in grass seed buying; while this has its place, it should be an after thought. "Quality is paramount." We are always pleased to submit samples with prices for comparison and let our customers be the judge.

QUANTITY OF LAWN SEED REQUIRED FOR A GIVEN SPACE

To secure best results we advise sowing on new ground with no sod on, 6 to 8 bushels of 20 lbs. per bushel to an acre; on established lawns or grass plots usually one half the quantity is sufficient. On a smaller scale, 1 quart for 100 square feet; 1 peck for 1000 square feet; $\frac{1}{2}$ bushel for 2000 square feet; 1 bushel for 4000 square feet; for putting greens we advise 100 lbs. of seed to a green 100 x 100 feet; for fairways 8 to 10 bushels (20 lbs. per bu.) to the acre; for pastures and hayfields 80 to 100 lbs. per acre.



If Mixed Grass Seeds are wanted by Parcel Post, add for postage as follows: 10c. for 2 qts.; 10c. for 4 qts.; 15c. per peck; 20c. per $\frac{1}{2}$ bu.; 30c. per bu.; larger quantities by express or freight.

MIXTURES FOR LAWNS

Michell's Clover Lawn. The increasing demand for a grass seed mixture, containing a large portion of White Lawn Clover, induced us to offer this brand; mixed with a most liberal quantity of best recleaned white clover. Especially suited to take firm hold and grow quickly on hard, worn out or burned spots; splendid for seashore lawns. 30 lbs. per bu. 25c. per pt.; qt., 50c.; 90c. per 2 qts.; 4 qts., \$1.70; \$3.15 per pk.; bu., \$12.00; \$37.50 per 100 lbs.; 1000 lbs., \$350.00.

Michell's Top Notch. The best Lawn Mixture in existence and can justly be called the top-notch of quality. It is a perfectly blended combination of quick growing, very compact, fine bladed grasses, that will produce a perfect lasting turf in a few weeks. 25 lbs. per bu. \$2.75 per pk.; bu., \$10.00; \$36.50 per 100 lbs.; 1000 lbs., \$334.00.

Michell's Green Velvet. Produces a perfect lawn in 4 to 5 weeks' time. 20 lbs. per bu. 20c. per pt.; qt., 35c.; 65c. per 2 qts.; 4 qts., \$1.20; \$2.10 per pk.; bu., \$7.50; \$35.00 per 100 lbs.; 1000 lbs., \$315.00.

Michell's Evergreen. The standard Lawn Mixture. 20 lbs. per bu. 15c. per pt.; qt., 30c.; 55c. per 2 qts.; 4 qts., 90c.; \$1.60 per pk.; bu., \$5.75; \$27.00 per 100 lbs.; 1000 lbs., \$250.00.

Michell's Shaded Lawn. Will produce perfect swards in the most densely shaded places. 20 lbs. per bu. 20c. per pt.; qt., 35c.; 65c. per 2 qts.; 4 qts., \$1.20; \$2.10 per pk.; bu., \$7.50; \$35.00 per 100 lbs.; 1000 lbs., \$315.00.

Michell's Fairmount Park Lawn. For general lawn making, a very satisfactory mixture. 20 lbs. per bu. 13c. per pt.; qt., 20c.; 40c. per 2 qts.; 4 qts., 75c.; \$1.25 per pk.; bu., \$4.75; \$22.50 per 100 lbs.; 1000 lbs., \$200.00.

Michell's Seashore Formula. Contains such grasses as thrive in salt air regions and seashore resorts. 20 lbs. per bu. 35c. per qt.; 2 qts., 65c.; \$1.10 per 4 qts.; pk., \$1.85; \$7.00 per bu.; 100 lbs., \$33.00; \$315.00 per 1000 lbs.

Michell's Terrace or Embankment. A mixture of long rooted grasses that hold soil and prevent washouts, unless too steep. 20 lbs. per bu. 20c. per pt.; qt., 35c.; 65c. per 2 qts.; 4 qts., \$1.10; \$1.85 per pk.; bu., \$7.00; \$33.00 per 100 lbs.; 1000 lbs., \$315.00.

Michell's Southern States Evergreen. Made up especially for dry, hot localities. 20 lbs. per bu. 35c. per qt.; 2 qts., 65c.; \$1.20 per 4 qts.; pk., \$2.10; \$7.50 per bu.; \$35.00 per 100 lbs.; 1000 lbs., \$315.00.

Michell's Special Sod. Produces a heavy sod in a short time; splendid for cemetery use. 20 lbs. per bu. 20c. per pt.; qt., 35c.; 65c. per 2 qts.; 4 qts., \$1.20; \$2.00 per pk.; bu., \$7.00; \$33.00 per 100 lbs.; 1000 lbs., \$310.00.

MICHELL'S SUPERIOR BENT GRASS MIXTURE

This mixture is composed of the finest grasses obtainable, consisting chiefly of the leading varieties of Bent grasses, which are the foundation of the best putting greens. We recommend sowing this formula at the rate of one pound to a space 15 x 20 feet, or 300 square feet. 90c. per lb.; 5 lbs., \$4.00; \$18.50 per 25 lbs.; 100 lbs., \$70.00.

Michell's Greendel Lawn Seed. A splendid, quick growing formula, recommended to those who are engaged in landscape operation work. Not less than 1 bushel of this formula sold. \$4.50 per bu.; 100 lbs., \$20.00; \$180.00 per 1000 lbs.

MIXTURES FOR PLEASURE GROUNDS

Michell's Athletic Field Mixture. A special mixture of deep rooting, fine leaved grasses, especially suited for Baseball, Football and Cricket grounds. 20 lbs. per bu. \$1.50 per pk.; bu., \$5.75; \$27.00 per 100 lbs.; 1000 lbs., \$250.00.

Michell's Fairways (Golf Course) Mixture. Composed of short-growing, deep rooted varieties, resisting plenty of wear. Golf courses, to retain their permanency should receive additional sowings during the season. 20 lbs. per bu. \$1.50 per pk.; bu., \$5.75; \$27.00 per 100 lbs.; 1000 lbs., \$250.00.

Michell's Putting Greens Mixture. A quick-growing mixture of short, thin-bladed grasses, over which the ball can roll without resistance. We recommend 100 lbs. to a green 100 feet square. 25 lbs. per bu. 35c. per pt.; qt., 65c.; \$1.15 per 2 qts.; 4 qts., \$2.00; \$3.50 per pk.; bu., \$13.00; \$50.00 per 100 lbs.; 1000 lbs., \$475.00.

MISCELLANEOUS MIXTURES

Michell's Permanent Pasture Grass Seed. Sow 80 to 100 lbs. per acre on new lands or 40 to 50 lbs. per acre on established pastures. 20 lbs. per bu. \$1.40 per pk.; bu., \$5.25; \$25.00 per 100 lbs.; 1000 lbs., \$230.00.

Michell's Permanent Hayfield Grass Seed. Sow 80 to 100 lbs. per acre on new lands or 40 to 50 lbs. per acre on established pastures. 20 lbs. per bu. \$1.40 per pk.; bu., \$5.25; \$25.00 per 100 lbs.; 1000 lbs., \$230.00.

WHITE DUTCH CLOVER

Choice recleaned seed. Sow 10 to 12 lbs. per acre if alone or 5 lbs. if sown on old turf or with other crops. 6c. per oz.; $\frac{1}{4}$ lb., 20c.; 35c. per $\frac{1}{2}$ lb.; lb., 65c. (by parcel post, 75c.); \$3.15 per 5 lbs. (by parcel post, \$3.30); 10 lbs., \$6.00 (by parcel post, \$6.20); \$33.00 per bu. (60 lbs.); 100 lbs., \$52.00. Price for larger quantities on application.

SEPARATE VARIETIES

All Strictly Recleaned and Carefully Tested for Purity and Germination.

On account of market fluctuations, on many varieties of grass seeds, prices on larger quantities than that named will be quoted on request.

If separate varieties of Grass Seeds are wanted by Parcel Post, add 10c. per lb.; 20c. per 10 lbs., for postage; larger quantities by express or freight.

Bent Grass, Certified Prince Edward Island. An extra hardy strain of Colonial Bent, grown on Prince Edward Island, under very severe winter conditions. Certified and sealed in 50 lbs. bags by the Canadian Department of Agriculture. Requires less cutting, less water and less top dressing than the creeping varieties. \$1.40 per lb.; 5 lbs., \$6.50; \$12.50 per 10 lbs.; 50 lbs., \$55.00; \$100.00 per 100 lbs.

Bent Grass, Colonial or Velvet. A very fine-bladed grass, producing a thick turf; especially valuable for putting greens. Sow 100 lbs. on a putting green 100 feet square. 20 lbs. per bu. \$1.00 per lb.; 10 lbs., \$9.50.

Bent Grass, Creeping (South German). Admirably adapted for lawns, also putting greens, tennis courts, etc.; sow 100 lbs. on a putting green 100 feet square. 20 lbs. per bu. \$1.00 per lb.; 10 lbs., \$9.50.

Bent Grass, Rhode Island. For sowing at seashore resorts, on putting greens, tennis courts, etc. Sow 100 lbs. on a putting green 100 feet square. 20 lbs. per bu. \$1.00 per lb.; 10 lbs., \$9.50.

Bent Grass, Certified Seaside. (Sometimes called Cocos Bent). The very highest quality, grown in Coos County, Oregon. Certified and sealed in 50 lb. bags. A true creeping bent, spreading rapidly by means of stolons or runners; makes ideal putting green turf. \$1.20 per lb.; 5 lbs., \$5.75; \$11.00 per 10 lbs.; 50 lbs., \$42.50; \$75.00 per 100 lbs.

Bermuda Grass (Cynodon Dactylon). For sowing as far North as Washington, D. C., above which latitude it is not hardy. 35 lbs. per bu. 35c. per lb.; 10 lbs., \$3.00.

Blue Grass, Kentucky (Poa Pratensis). Superfine quality. Our stock of this is extra fine, thoroughly recleaned; sow 70 to 85 lbs. per acre on lawns, 55 to 70 lbs. on pasture fields. 14 lbs. per bu. 30c. per lb.; 10 lbs., \$2.25.

Blue Grass, Kentucky. Fine quality. 14 lbs. per bu. 25c. per lb.; 10 lbs., \$2.00.

Blue Grass, Canadian (Poa Compressa). Makes an ideal pasture, highly relished by cattle; excellent also for sowing on embankments; sow in same proportions as Kentucky Blue. 14 lbs. per bu. 30c. per lb.; 10 lbs., \$2.50.

Crested Dogtail (Cynosurus Cristatus). Excellent as a pasture and lawn grass. Sow 80 to 100 lbs. per acre. 21 lbs. per bu. 30c. per lb.; 10 lbs., \$2.50.

Fescue, Chewing's New Zealand (Festuca Chewing's). Especially recommended for putting greens and lawns. 14 lbs. per bu. 35c. per lb.; 10 lbs., \$2.75.

Fescue, Fine Leaved (Festuca Tenuifolia). This grass is especially valuable for dry soils. Sow 70 to 85 lbs. per acre. 14 lbs. per bu. 40c. per lb.; 10 lbs., \$3.50.

Fescue, Hard (Festuca Duriuscula). A splendid grass for golf links, tennis courts, etc.; will resist droughts. Sow 80 to 100 lbs. per acre. 14 lbs. per bu. 25c. per lb.; 10 lbs., \$2.25.

Fescue, Meadow (Festuca Pratensis). Sow 100 lbs. per acre. 22 lbs. per bu. 20c. per lb.; 10 lbs., \$1.60.

Fescue, Red (Festuca Rubra). European. Valuable for putting greens, also for sowing on sandy soil and in shaded places. 14 lbs. per bu. 30c. per lb.; 10 lbs., \$2.25.

Fescue, Sheep's (Festuca Ovina). This makes an excellent grass for sowing on lawns, fields or pleasure grounds. Sow 80 to 100 lbs. per acre. 14 lbs. per bu. 25c. per lb.; 10 lbs., \$2.25.

Herd or Red Top, Unhulled (Agrostis Vulgaris). Sow 50 to 60 lbs. per acre on lawns, or 30 lbs. on pasture lands. 10 lbs. per bu. 15c. per lb.; 10 lbs., \$1.00.

Orchard Grass (Dactylis Glomerata). For early pasturing this is very desirable; also fine for sowing in shaded places. Sow 50 lbs. per acre. 14 lbs. per bu. 20c. per lb.; 10 lbs., \$1.75.



Red Top, Fancy Recleaned (Agrostis Vulgaris). This is one of the best grasses for sowing for immediate effect. Our stock is free from chaff and is absolutely pure. Sow 35 lbs. per acre. 32 lbs. per bu. 20c. per lb.; 10 lbs., \$1.75.

Rough Stalked Meadow (Poa Trivialis). Excellent for pastures and meadows, particularly on damp soils. Sow 100 lbs. per acre. 14 lbs. per bu. 30c. per lb.; 10 lbs., \$2.50.

Rye Grass, Domestic. Valuable in lawn mixtures demanding immediate effect. Sow 100 lbs. per acre. 20 lbs. per bu. 10c. per lb.; 10 lbs., 75c.

Rye Grass, Pacey's English (Lolium Perenne). This makes the quickest returns in growth of any grass; deep rooted and readily established. Sow 120 lbs. per acre. 24 lbs. per bu. 20c. per lb.; 10 lbs., \$1.75.

Rye Grass, English or Perennial. 24 lbs. per bu. 20c. per lb.; 10 lbs., \$1.50.

Rye Grass, Italian (Lolium Italicum). Imported. Very desirable for pasture; comes to maturity the first season; the ideal seed for southern lawns in winter. Sow 100 lbs. per acre. 18 lbs. per bu. 20c. per lb.; 10 lbs., \$1.75.

Sudan Grass Seed. This belongs to the forage crops and is allied to the millets. Sow 16 to 24 lbs. per acre. 20c. per lb.; 10 lbs., \$1.25.

Sweet Vernal (Perennial). (Anthoxanthum Odoratum). Sow 5 lbs. per acre with other grass. 60c. per lb.; 10 lbs., \$5.50.

Timothy (Phleum Pratense). Sow 25 lbs. per acre alone. 45 lbs. per bu. 15c. per lb.; 10 lbs., 80c.

Wood Meadow (Poa Nemoralis). The best grass for sowing under trees where a lawn is desired. Sow 75 to 100 lbs. per acre. 14 lbs. per bu. 55c. per lb.; 10 lbs., \$5.00.

MICHELL'S HIGH GRADE FARM SEEDS

PRICES WHERE QUOTED SUBJECT TO MARKET CHANGES



CLOVERS

Alfalfa or Lucerne (*Medicago Sativa*). (Non-irrigated, Western grown seed.) Sow during May, August and September, not less than $\frac{1}{2}$ bushel (30 lbs.) per acre, preferably with no other crop. Price on application.

Alfalfa (*Grimm Strain*). Claimed to be hardy in any and all regions; a heavy yielder and of deep rooting ability. About 15 to 20 lbs. of Grimm Alfalfa is sufficient to seed an acre on account of its great root system. Price on application.

Alsike or Swedish Clover (*Trifolium Hybridum*). One of the best for mixing with timothy; it is perfectly hardy in every climate or soil condition; grows 1 to 2 feet high. Sown early in the Spring or late Summer and early Autumn, 10 to 15 lbs. per acre alone or 8 lbs. with timothy. Price on application.

Bokhara or Giant Sweet Clover (*Melilotus Alba*. Syn. *M. Leucantha*). Used either as a feed crop or as a fertilizer to plow under. Grows from 3 to 5 feet high, thriving on almost any kind of soil. Sow 15 lbs. per acre in Spring or Fall. Price on application.

Crimson Clover (*Trifolium Incarnatum*). This is used principally for soiling or green manuring, for which purposes it is highly valuable. If desired for feed, cut it just before it flowers. When desired for green manure, it should be allowed to mature; height from 1 to 2 feet. Sow any time from April to October, 20 lbs. to the acre. Price on application.

Mammoth Red Clover (*Trifolium Pratense Perenne*). This differs from the "Medium" being of a ranker growth and yielding more fodder per acre. Sow in early Spring or in late Summer and Fall, using 20 lbs. per acre alone, or with other crops, 10 lbs. per acre. Price on application.

Red Clover, Medium (*Trifolium Pratense*). More widely known and used than any other; used principally for hay purposes. Height from 18 inches to 2 $\frac{1}{2}$ feet. Sow early in the Spring or in late Summer and Fall; if alone, 20 lbs. per acre; if with other crops, 10 lbs. per acre. Price on application.

White Dutch or Lawn Clover (*Trifolium Repens*). Choice recleaned seed. Sow 10 to 12 lbs. per acre if alone or 5 lbs. if sown on old turf or with other crops. 6c. per oz.; $\frac{1}{4}$ lb., 20c.; 35c. per $\frac{1}{2}$ lb.; lb., 65c. (by parcel post, 75c.); \$3.15 per 5 lbs. (by parcel post, \$3.30); 10 lbs., \$6.00 (by parcel post, \$6.20); \$33.00 per bu. (60 lbs.); 100 lbs., \$52.00. Price for larger quantities on application.

MISCELLANEOUS FARM SEEDS

Barley. Large heads; large grains. Sow $1\frac{1}{2}$ to 2 bu. per acre from May 15th to July 1st. Price on application.

Beans, Soja. A great soil enricher. Sow $1\frac{1}{2}$ bu. per acre during May. Mammoth Yellow, late. Wilson, early. Price on application.

Broom Corn. Early Evergreen. Sow 10 lbs. per acre during May. Price on application.

Buckwheat. Japanese. Enormous yielder; large grains. Sow 1 bu. per acre during June and July. Price on application.

Canada Field Peas. Sow $1\frac{1}{2}$ bu. per acre, with 1 bu. of oats during April. Makes splendid green feed. Price on application.

Cow Peas. Sow from May 1st to July 1st., 2 bu. per acre broadcast, or 1 bu. per acre in drills. Black and Whippoorwill. Price on application.

Flax. Sow 1 bu. per acre during May and June. Price on application.

Kaffir Corn. The grain is used for feeding poultry and the fodder for cattle. Sow in June and July, 10 lbs. per acre. Price upon application.

Millet. A splendid emergency hay crop; can be harvested in 60 days. Sow during June and July, Hungarian and Golden, 1 bu. per acre; Japanese, 12 lbs. per acre. Price upon application.

Oats. Sow from April until June, 3 bu. per acre. Storm King, Swedish or Washington, Victory, Welcome. Price on application.

Rape, Dwarf Essex. A valuable green food for sheep and hogs. Sow 6 lbs. per acre broadcast, or in drills, at intervals from April 1st to October 1st. Price on application.

Rye (Spring). Sow $1\frac{1}{2}$ bu. per acre broadcast during April and May. Price on application.

Rye (Winter). We handle Penna. White and Rosen varieties. Sow in October and November, $1\frac{1}{2}$ bu. per acre. Price on application.

Sorghum or Sugar Cane. Early Amber. Sow 25 lbs. per acre in drills during May or June. Price on application.

Sudan Grass. Similar to millet. Sow 16 to 24 lbs. per acre, broadcast during April, May, June. Price on application.

Sunflower. Mammoth Russian (for Seeding). Splendid poultry food. Sow 10 qts. per acre in drills. 12c. per lb. (by parcel post, 20c.); 3 lbs., 35c. (by parcel post, 45c.); 55c. per 5 lbs. (by parcel post, 70c.); 10 lbs., \$1.00 (by parcel post, \$1.20); \$2.75 per 25 lbs.

Timothy. Sow $\frac{1}{2}$ bu. per acre during April, August or September. Price on application.

Vetch. For green feed, green manure and cover crops. Sow 1 bu. per acre broadcast. Winter (*Vicia Villosa*). Spring (*Vicia Sativa*). Price on application.

Wheat, Saskatchewan Fife. Sow $1\frac{1}{2}$ bu. per acre in drills. Price on application. Winter varieties ready after September 15th.

FIELD CORN

We make a specialty of choice field seed corn, shelled, from carefully tipped and butted ears and dried naturally by air.

Champion White Pearl.

Early Canada Flint.

Golden Beauty.

Improved Golden Dent.

Lancaster Co. Sure Crop.

Leaming Early Dent.

Reid's Yellow Dent.

Field Corn weighs 56 lbs. per bushel, and prices will be quoted on application.

ABOUT PRICES.—These fluctuate constantly on Farm Seeds and will be quoted on application.

STANLEY'S CROW REPELLANT

Rids your corn crop of crows and other corn pulling birds. Saves loss of seed and labor of replanting; aids and hastens germination; protects seed from rotting in the ground.

Per $\frac{1}{2}$ pt., 60c.; \$1.00 per pt.; qt., \$1.75. One pint is sufficient for two bushels of seed corn.

Our roots are extra strong, contain plenty of eyes and are absolutely true to name. Cannas are one of the best plants to use for mass effects in all public places, such as parks, cemeteries, etc., and to a lesser degree in beds and borders of private homes. You should procure a good supply from us for your requirements. Their height is indicated after each variety.



Canna. King Midas

A NEW SENSATIONAL CANNA

MRS. PIERRE S. duPONT

Truly a marvelous canna; color a vivid watermelon pink; individual flowers are very large and are produced in great massive trusses; green foliage; 4 feet.

Large roots will be furnished up to Feb. 1st; after this date, strong 4-inch pot plants will be furnished.

Prices for roots or plants, \$2.25 per doz.; per 100, \$15.00.

	Doz.	100	1000
Mme. Crozy. Scarlet, bordered golden yellow; green foliage; 3 feet.....	\$0.40	\$2.50	\$20.00
Mrs. Alfred F. Conard. Magnificent heads of perfectly formed flowers of good size and substance; color, salmon pink; light green foliage; 4 feet .....	.60	4.00	35.00
Richard Wallace. Gigantic clusters of light yellow flowers; very floriferous; green foliage; 4½ feet.....	.40	2.50	20.00
The President. This splendid variety produces immense flowers of a rich, glowing scarlet; a superior variety; green foliage; 4 feet .....	.50	3.00	25.00
Wyoming. True orchid-flowering; orange chrome red; bronze foliage; 6½ feet.....	.40	2.50	20.00
Yellow King Humbert (Queen Helen). A sport from King Humbert and a majestic variety, with massive foliage; flowers golden yellow, dotted red; green foliage; 4½ feet....	.50	3.00	25.00
Choice Dwarf Mixed. All colors .....	.40	2.50	20.00

	Doz.	100	1000
Alphonse Bouvier. Rich velvety red; flowers produced in large clusters; green foliage; 5 feet.....	\$0.40	\$2.50	\$20.00
Ambassador. Brilliant cherry red flowers; blooms early; a very effective variety; bronze foliage; 4 feet.....	.50	3.00	25.00
Apricot. Buff yellow base, overspread with salmon pink; green foliage; 4 feet.....	.55	3.50	30.00
City of Portland. Flowers of large size on heavy trusses; color, glowing pink; profuse bloomer; green foliage; 3½ feet ..	.60	4.00	35.00
Eureka. An excellent white variety; free bloomer; strong vigorous plants; green foliage; 4 feet .....	.50	3.00	25.00
Golden Eagle. Clear golden yellow, showy trusses well above the foliage; an early and free bloomer; green foliage; 4 feet....	.55	3.50	30.00
Hungaria. Dwarf and compact; flowers large; rich peach blossom pink; green foliage; 3½ feet.....	.55	3.50	30.00
King Humbert. A king among cannas, because of its majestic growth; immense heads of coppery scarlet flowers; bronze foliage; 4½ feet.....	.50	3.00	25.00
King Midas. Large flowers of gamboge yellow; wonderful trusses on straight stems; an aristocrat among cannas; 5 feet..	.55	3.50	30.00



Canna, Ambassador

Our Gladiolus bulbs are carefully cured and graded, the first size bulbs being properly prepared for forcing. Bulbs are produced under the best conditions on our contract farms in Michigan and also eastern points, and have been raised from stock which has not been used for cut flower purposes. This insures quality bulbs that can be depended upon for good results under proper care and culture. If our customers desire any varieties or other sizes of Gladiolus not in our list, please write us for prices, etc., as we are in a position to take care of your needs.

PLEASE NOTE: All gladiolus bulbs offered are first size, 1½ inch and up, unless otherwise specified.

MICHELL'S COLOR PLATE VARIETIES
SUPERB GLADIOLUS

	Doz.	100	1000
No. 1. Golden Measure. Tall spike; large flowers well arranged; color, pure golden yellow.			
First size bulbs, 1½ inch and up.....	\$0.45	\$3.00	\$24.00
Second size bulbs, 1¼ to 1½ inch.....	.35	2.50	20.00
No. 2. Minuet. This variety has created a sensation in the show room for several seasons; color, light lavender, with four to six large, heavy blooms open at one time.			
First size bulbs, 1½ inch and up.....	.70	4.50	38.50
Second size bulbs, 1¼ to 1½ inch.....	.55	3.75	32.50
No. 3. Dr. F. E. Bennett. Peach red overlaid flame color, throat finely stippled ruby and white.			
First size bulbs, 1½ inch and up.....	.45	2.75	22.00
Second size bulbs, 1¼ to 1½ inch.....	.35	2.25	18.00
No. 4. W. H. Phipps. La France pink overlaid rose salmon; destined to become an outstanding florists' variety; 10 to 20 blooms open at one time.			
First size bulbs, 1½ inch and up.....	.45	3.00	25.00
Second size bulbs, 1¼ to 1½ inch.....	.35	2.50	20.00

NAMED VARIETIES

	Doz.	100	1000
America. One of the best varieties; color, a beautiful flesh pink, tinged with lavender; very free bloomer.			
First size bulbs, 1½ inch and up.....	\$0.30	\$2.00	\$14.00
Second size bulbs, 1¼ to 1½ inch.....	.20	1.50	11.00
Anna Eberius. An extra fine variety; color, dark velvety purple, throat a deeper shade; flowers large, on long spikes.			
First size bulbs, 1½ inch and up.....	.40	2.25	17.00
Second size bulbs, 1¼ to 1½ inch.....	.30	2.00	14.00
Annie Laurie. Heavily ruffled; delicate pink overlaid with light rose; a very distinctive variety; excellent for all forms of decorations; four to six flowers open at one time.			
.....	.40	2.25	18.00
Baron Hulot. Large flowers, well arranged. Deep indigo blue, slightly marked white at the base of the throat.			
.....	.50	3.00	25.00
Berty Snow. Pinkish lavender; large flowers, well placed on long spikes; a very fine cut flower variety . . .			
.....	.50	3.00	25.00
Betty Nuthall. One of the finest varieties of recent introduction; color a soft tone of light salmon-pink with pale orange throat.			
.....	.75	5.25	48.00
Byron L. Smith. Very delicate lavender pink on white ground, equal to that of a very fine Cattleya orchid. An excellent cut flower.			
.....	.50	3.00	25.00
Captain Boynton. White suffused lavender, blotched deeper in throat; very attractive.			
.....	.40	2.25	18.00
Caruso. An extra early, large orange red, with striking blotch in throat; strong stems, with many flowers open at one time. The earliest red, blooming with or before Halley.			
.....	.65	4.50	40.00
Crimson Glow. One of the best scarlet varieties, lower petals blotched carmine; flowers large.			
First size bulbs, 1½ inch and up.....	.35	2.00	16.00
Second size bulb, 1¼ to 1½ inch.....	.25	1.75	13.00
Early Sunrise. Orange salmon with salmon scarlet blotch on lower petals; extremely early.			
.....	.50	3.00	25.00
E. J. Shaylor. A beautiful ruffled variety with large flowers; color, beautiful clear deep rose pink; good cut flower.			
First size bulbs, 1½ inch and up.....	.35	2.00	16.00
Second size bulbs, 1¼ to 1½ inch.....	.25	1.75	13.00



Gladiolus. Evelyn Kirtland

MICHELL'S SUPERB GLADIOLUS



- 1—Golden Measure
- 2—Minuet
- 3—Dr. F. E. Bennett
- 4—W. H. Phipps

*For description and prices
see opposite page*

MICHELL'S SUPERB GLADIOLUS

NAMED VARIETIES (Continued)



	Doz.	100	1000
Evelyn Kirtland. Flowers of strong substance; color, a beautiful geranium pink, darker at the edges, scarlet blotches on lower petals; well arranged flowers on tall spikes.....	\$0.40	\$2.25	\$17.00
Giant Nymph. Light pink suffused with cream yellow; large flowers on strong spikes	.40	2.25	17.00
Gold Eagle. Extra early deep rich yellow, slightly ruffled; a first class florist's variety; excellent for design work.....	.40	2.50	20.00
Golden Dream. A new introduction; clear, deep yellow, on long stems.....	.50	3.25	27.50
Golden Measure. See description, page 56.			
First size bulbs, 1½ inch and up.....	.45	3.00	24.00
Second size bulbs, 1¼ to 1½ inch.....	.35	2.50	20.00
Halley. Very large, well expanded flowers of a lovely salmon pink, blotched yellow, with carmine markings; early.			
First size bulbs, 1½ inch and up.....	.30	1.75	13.00
Second size bulbs, 1¼ to 1½ inch.....	.20	1.50	10.00
Herada. Blooms of immense size on tall straight spikes; color, pure mauve, shading to pink in throat. An unusual color and very effective as a cut flower.			
First size bulbs, 1½ inch and up.....	.40	2.25	17.00
Second size bulbs, 1¼ to 1½ inch.....	.25	1.75	13.00

	Doz.	100	1000
Heavenly Blue. Tall straight spikes; flowers well placed and of a delicate sky blue; many flowers open at one time.....	\$1.50	\$10.00	\$95.00
Le Marechal Foch. Flowers of immense size, well opened and beautifully ruffled; color, pale pink, flaked and striped deeper at edges of petals.			
First size bulbs, 1½ inch and up.....	.30	2.00	14.00
Second size bulbs, 1¼ to 1½ inch.....	.20	1.50	11.00
L'Immaculee. Pure white; early; large spikes; strong grower; fine for cutting....	.40	2.25	18.00
Lily White. Large flowers; excellent grower and heavy propagator; very early.			
First size bulbs, 1½ inch and up.....	.35	2.00	16.00
Second size bulbs, 1¼ to 1½ inch.....	.25	1.75	13.00
Los Angeles. Large flowering; color, salmon pink; early flowering; long stems.			
First size bulbs, 1½ inch and up.....	.35	2.00	16.00
Second size bulbs, 1¼ to 1½ inch.....	.25	1.75	13.00
Louise. An exquisite shade of bright lavender, growing brighter toward the center; fine cut flower variety.....	.40	2.25	18.00
Mad. von Konijnenburg. Light violet or lavender blue, at least the nearest to blue to date; early midseason; tall grower.....	.70	4.50	38.50
Marmora. Extra large, lavender-gray flowers on long stems; many flowers open at one time, a very attractive variety.....	1.25	8.00	85.00
Mary Pickford. An extraordinary flower and spike; creamy white; throat sulphur yellow.			
First size bulbs, 1½ inch and up.....	.40	2.50	19.00
Second size bulbs, 1¼ to 1½ inch.....	.30	2.00	15.00
Minuet. See description, page 56.....	.70	4.50	38.50
W. H. Phipps. See description, page 56.			
First size bulbs, 1½ inch and up.....	.45	3.00	25.00
Second size bulbs, 1¼ to 1½ inch.....	.35	2.50	20.00
Mrs. Dr. Norton. Very large flowers on tall spikes. Color, white with edges of petals suffused with soft La France pink; splendid cut flower.			
First size bulbs, 1½ inch and up.....	.40	2.25	18.00
Second size bulbs, 1¼ to 1½ inch.....	.25	1.75	13.00
Mrs. F. C. Peters. Rosy lilac with soft crimson blotch; very large flowers.....	.40	2.50	20.00
Mrs. Francis King. Flame pink with lighter throat; tall grower and an old favorite cut flower variety.			
First size bulbs, 1½ inch and up.....	.35	2.00	15.00
Second size bulbs, 1¼ to 1½ inch.....	.20	1.50	11.00
Mrs. Frank Pendleton, Jr. Flowers very large; color, a lovely flushed salmon pink with carmine blotches in throat.			
First size bulbs, 1½ inch and up.....	.30	2.00	15.00
Second size bulbs, 1¼ to 1½ inch.....	.20	1.50	11.00
Mrs. Leon Douglas. Ground color, begonia-rose, striped brilliant scarlet, lower petals, pale lemon speckled ruby; flowers of enormous size, many open at a time.			
First size bulbs, 1½ inch and up.....	.40	2.50	20.00
Second size bulbs, 1¼ to 1½ inch.....	.30	2.00	15.00
Nancy Hanks. Apricot shading to orange pink, with heavy red pencilling on lip; blooms large and well placed. A great improvement over Alice Tiplady.....	.40	2.50	20.00
1910 Rose. Rose-pink with white stripe on lower petals; early blooming and a wonderful cut flower.			
First size bulbs, 1½ inch and up.....	.30	2.00	15.00
Second size bulbs, 1¼ to 1½ inch.....	.20	1.50	11.00

NAMED VARIETIES

	Doz.	100	1000
Panama. Clear pink with rose center; extra fine flowers on long spikes.....	\$0.40	\$2.25	\$18.00
Paul Pfitzer. Dark violet red; very large and heavily ruffled; an early midseason variety.....	1.00	7.25	67.50
Peace. White with lilac feather on the lower petal. Recommended for late planting.			
First size bulbs, 1½ inch and up.....	.30	2.00	15.00
Second size bulbs, 1¼ to 1½ inch.....	.20	1.50	11.00
Persia. Deep crimson, almost black; medium sized flowers well placed.....	.40	2.50	20.00
Pfitzer's Triumph. Enormous blooms of a bright salmon orange color, with very small deeper throat blotch; early mid-season, with two to four blooms open at once; a striking exhibition variety; a sensation at all recent shows.			
First size bulbs, 1½ inch and up.....	.75	5.00	45.00
Second size bulbs, 1¼ to 1½ inch.....	.65	4.50	40.00
Prince of Wales. Beautiful salmon-pink, with pale pink throat; strong, showy spikes; well arranged flowers.			
First size bulbs, 1½ inch and up.....	.40	2.25	18.00
Second size bulbs, 1¼ to 1½ inch.....	.25	1.75	13.00
Rose Ash (Ashes of Roses). Long spikes of large flowers of a smoky old rose color; strong grower.....	.40	2.50	20.00
Ruth Huntington. Violet lilac, with deeper markings on lower petals; large strong grower; spikes well formed. A great favorite as a cut flower.....	.40	2.50	20.00
Schwaben. Soft, pure yellow, purple blotch on lower petals; heavy spike and foliage; an old favorite.			
First size bulbs, 1½ inch and up.....	.40	2.25	18.00
Second size bulbs, 1¼ to 1½ inch.....	.25	1.75	13.00
Veilchenblau. The finest large, violet blue variety and a favorite in every market; the color suggests that of the Iris; lower petals have a darker blotch.....	1.00	7.25	67.50
Virginia (Scarlet Princeps). Intense scarlet, slightly deeper in throat; extra fine; early and much in demand.			
First size bulbs, 1½ inch and up.....	.35	2.00	16.00
Second size bulbs, 1¼ to 1½ inch.....	.25	1.75	12.00
Wilbrink. Flesh pink flowers, with creamy white blotch on lower petals; very early; highly recommended for forcing.			
First size bulbs, 1½ inch and up.....	.35	2.00	15.00
Second size bulbs, 1¼ to 1½ inch.....	.25	1.75	12.00

PRIMULINUS VARIETIES

This class of gladiolus is very popular for its early blooming qualities and the artistic shadings and markings of its blooms. They are especially adapted for vases and basket work. We recommend the list below, which comprises the best varieties of this type; our bulbs have been properly cured for forcing purposes.

	Doz.	100	1000
Alice Tiplady. A beautiful and showy large flowering variety; color, orange saffron...	\$0.25	\$1.75	\$12.00
Maiden's Blush. Color, enchantress pink; a variety popular with the florist; very early.....	.25	1.75	12.00
Orange Queen. Large, wide open flowers of a warm tint of purest apricot.....	.40	2.25	18.00
Souvenir. Best commercial, golden yellow variety; good forcer.			
First size bulbs, 1½ inch and up.....	.30	2.00	15.00
Second size bulbs, 1¼ to 1½ inch.....	.20	1.50	11.00
Primulinus Major Hybrids, Mixed. This mixture is made up from the newest hybrids and contains the most beautiful and delicate tints, making the most harmonious blendings.....	.25	1.75	14.00



Gladiolus, Ruth Huntington

UNNAMED GLADIOLUS (In Separate Colors)

	Doz.	100	1000
White and Light (Special Mixture). For forcing.....	\$0.35	\$2.00	\$15.00
Yellow and Orange.....	.40	2.50	20.00
Red Shades.....	.35	2.00	15.00
Pink Shades.....	.35	2.00	15.00

MIXTURES OF GLADIOLUS

	Doz.	100	1000
Michell's Giant Flowering. This mixture has been selected with the utmost care for coloring and size of flowers. First size bulbs.....	\$0.25	\$1.75	\$14.00

SEMESAN

Prevent scab, hard rot and similar surface borne diseases from destroying your gladiolus corms, by soaking them in 2% liquid Semesan. See page 99.

Suggestions in Connection with the Growing of Hardy Lilies Under Glass

Hardy lilies should be grown cool and given 16 to 18 weeks from time of planting to bring them into bloom, so the best results can be obtained. In fact if you can give them longer to come into flower it is better. Where they are forced with plenty of heat, the result is that you get good foliage with not so many blooms early. We have particular reference to *Lilium Magnificum*, *Melpomene*, *Rubrum* and *Album*.

If Lilies are wanted by Parcel Post, please add 25c. per doz. for postage.

HARDY JAPANESE LILIES

These are a splendid proposition for the florist, they force readily in a moderate temperature, as described above. Prices are for shipment up to May 1st, and include all cold storage charges. After this date an additional 20 cents per case, per month will be made for cold storage and insurance charges.

	Doz.	No. of bulbs Per 100	Per case	Case
Album (<i>Praecox</i>). Pure white:				
First size, 8 to 9 in.....	\$1.75	\$12.50	200	\$21.00
Mammoth, 9 to 11 in.....	2.75	19.50	125	21.00
Auratum (<i>Golden Banded Lily</i>):				
First size, 8 to 9 in.....	1.35	9.50	200	15.00
Mammoth, 9 to 11 in.....	2.00	14.00	130	15.00
Monster, 11 to 13 in.....	2.25	16.00	100	16.00
Magnificum. Rich crimson:				
First size, 8 to 9 in.....	1.50	10.00	200	17.00
Mammoth, 9 to 11 in.....	2.35	16.50	125	18.00
Monster, 11 to 13 in.....	2.75	19.00	100	19.00
Melpomene. Pink spotted red:				
First size, 8 to 9 in.....	1.50	10.00	200	17.00
Mammoth, 9 to 11 in.....	2.35	16.50	125	18.00
Monster, 11 to 13 in.....	2.75	19.00	100	19.00
Rubrum or Roseum. Pink:				
First size, 8 to 9 in.....	1.50	10.00	200	17.00
Mammoth, 9 to 11 in.....	2.35	16.50	125	18.00
Monster, 11 to 13 in.....	2.75	19.00	100	19.00
Tigrinum Flore Pleno. Double..	1.75	12.00		
Tigrinum Splendens. Single..	1.75	12.00		
Auratum Platyphyllum (<i>Macranthum</i>): Giant				
Doz.		100		
Golden Banded Lily.....	\$3.00	\$21.00		
Batemani. Orange red.....	2.25	16.50		
Brownii. Pure white inside, outside brown.....	6.00	45.00		
Hansoni. Reddish orange.....	5.00	40.00		
Henryi. Orange yellow.....	2.25	16.00		
*Krameri. Blush pink.....	2.75	18.00		
*Rubellum. Beautiful rose color.....	2.25	16.00		

MISCELLANEOUS HARDY LILIES

Hardy Native lilies are always an attraction and can at times be utilized in various ways, by reason of their oddity.

	Doz.	100
Canadense. Bright yellow.....	\$2.00	\$14.00
Canadense Rubrum. Red.....	2.75	18.00
Davuricum. Upright scarlet flowers.....	2.75	18.00
*Elegans Mixed. Shades of orange.....	1.50	10.00
*Elegans Leonard Joerg. Apricot pink.....	2.00	14.00
Grayi. Rich red, spotted maroon.....	3.50	25.00
Pardalinum. Orange, spotted crimson.....	2.75	18.00
Superbum. Orange red.....	2.25	15.00
Szovietzianum Colchicum. Yellow.....	6.75	50.00
Testaceum. White outside, inside		
apricot.....	Each, \$1.50	16.50 130.00
*Tenuifolium. Bright scarlet.....	1.60	11.00
*Umbellatum. Orange scarlet.....	3.00	20.00

The varieties marked * are excellent for the rockery.



Lilium Giganteum

LILIUM LONG, GIGANTEUM (Cold Storage) MICHELL'S SPECIAL FORCING BRAND

True Northern Mountain Grown. We are now booking orders for shipment throughout 1933. Let us provide your requirements now.

No. of bulbs per case	No. of bulbs per case
7 to 9 inches..... 100	8 to 10 inches..... 100
7 to 9 inches..... 300	9 to 10 inches..... 100
8 to 9 inches..... 250	9 to 10 inches..... 200
8 to 10 inches..... 225	10 to 12 inches..... 150

Write for Prices

REGALE LILY.

Oregon grown; heavy, single crown bulbs.

Size	Doz.	100	1000
6 to 7 inch.....	\$1.35	\$9.00	\$80.00
7 to 8 inch.....	2.00	12.50	115.00
8 to 9 inch.....	2.75	18.00	170.00
9 inches and up.....	3.50	25.00	240.00
10 inches and up.....	4.75	35.00	340.00

LILY OF THE VALLEY

Bundles or Clumps (for Outdoor Use Only)

Excellent for landscape work. Bundles contain 12 good size pips with good root growth, all of which will flower. They are imported from abroad, the best of the crop being selected for us, carefully packed and can be stored in a cold cellar. These pips should not be compared with native grown stock which usually throw an average of 2 to 3 flowers to the clump; pips are washed clean and packed in peat moss thus making transportation light. We can make shipment of these as late as May 1st. Why not try a few for your trade. The Japanese Beetle quarantine does not affect the shipment of this stock. 45c. per bdl.; doz. bdls., \$4.75; \$37.50 per 100 bdls.

LILY OF THE VALLEY

Giant Flowering (Cold Storage). We have made a specialty of Valley and our strains are reputed to be among the finest. We have placed in storage a generous supply which can be shipped immediately or later as wanted. Packed in the following units: 100, 250, 500, 1000 and 2500. Price upon application.



MICHELL'S HARDY LILIES

Mammoth Bulbs

1. MAGNIFICUM
2. RUBELLUM
3. REGALE
4. HENRYI
5. AURATUM

For description and prices
see opposite page.

MICHELL'S SUMMER FLOWERING BULBS FOR FLORISTS

AMARYLLIS

GIANT AMERICAN HYBRIDS

Our famous strain is ideal for pots or store sales. When in bloom will sell on sight and at good prices. We offer for the first time separate colors in large bulbs as follows:

	Each	Doz.	100	1000
Crimson and Scarlet Shades...	\$0.45	\$4.75	\$36.00	\$350.00
Pink, Rose and Carmine Shades	.45	4.75	36.00	350.00
White with Scarlet Markings...	.45	4.75	36.00	350.00
Choice Assorted Shades.....	.45	4.75	36.00	350.00

Pure White. Very scarce and rare; blooms are of heavy texture and often 8 to 10 inches across; color glistening pure white. \$1.00 each; doz., \$10.00; \$80.00 per 100.

	Each	Doz.	100
Belladonna. Pink.....	\$0.30	\$3.00	\$20.00
Hippeastrum Equestre. Bright red.....	.25	2.50	15.00

If wanted by Parcel Post, add 20c. per doz. for postage.

BEGONIAS (Tuberous Rooted)

We furnish bulbs 1½ to 2 inches in diameter, best size for commercial use. Excellent for pots or outdoors. Do not fail to grow a few.

Single Begonias

Doz.	100	1000	Doz.	100	1000
Crimson..\$1.50	\$11.00	\$100.00	Scarlet..\$1.50	\$11.00	\$100.00
Orange.. 1.50	11.00	100.00	White... 1.50	11.00	100.00
Pink and			Yellow... 1.50	11.00	100.00
Rose... 1.50	11.00	100.00	Mixed... 1.50	11.00	100.00
Salmon.. 1.50	11.00	100.00			

Double Begonias

Doz.	100	1000	Doz.	100	1000
Crimson..\$1.50	\$11.00	\$100.00	Scarlet..\$1.50	\$11.00	\$100.00
Orange.. 1.50	11.00	100.00	White... 1.50	11.00	100.00
Pink and			Yellow... 1.50	11.00	100.00
Rose... 1.50	11.00	100.00	Mixed... 1.50	11.00	100.00
Salmon.. 1.50	11.00	100.00			

BEGONIA, CRISPA

A beautiful frilled or crested type, producing very large single flowers.

Doz.	100	1000	Doz.	100	1000
Orange..\$1.50	\$11.00	\$100.00	Scarlet..\$1.50	\$11.00	\$100.00
Pink and			White... 1.50	11.00	100.00
Rose... 1.50	11.00	100.00	Yellow... 1.50	11.00	100.00
Salmon.. 1.50	11.00	100.00	Mixed... 1.50	11.00	100.00

BEGONIA, HANGING BASKET TYPE

Unsurpassed for vases and hanging baskets, also porch and window boxes.

	Doz.	100	1000
Mixed Colors.....	\$1.50	\$11.00	\$100.00

If Begonia bulbs are wanted by parcel post, add 10c. per doz., 20c. per 100, for postage.

CALADIUM ESCULENTUM (Elephant's Ear)

	Doz.	100	1000
First Size Bulbs, 7 to 9 in. circum.....	\$0.50	\$3.50	\$30.00
Mammoth Bulbs, 9 to 11 in. circum.....	.90	6.00	55.00
Monster Bulbs, 12 in. circum. and up.....	1.75	13.50	128.00
Jumbo Bulbs, 15 to 17 in. circum.....	4.25	33.00	

FANCY LEAVED CALADIUMS

Our list is composed of the best named standard and newer sorts, including the best of the Brazilian types and cover a wide range of the brightest colorings and markings which are difficult to describe accurately. The bulbs should be started in damp moss with plenty of bottom heat and an occasional dampening.

Do not allow them to get chilled, and at all times grow them in a warm, shaded place.

Note. It often happens that the finest colored varieties do not produce the largest bulbs. The bulbs we furnish can be depended upon for best results.

Choice New and Rare Named Varieties. Per doz., \$2.75; \$21.00 per 100; per 1000, \$205.00.

Standard Named and Highly Colored Varieties. Separately named and labeled. Per doz., \$1.75; \$12.50 per 100; per 1000, \$115.00.

Mixed Varieties. An assortment especially blended for us. Per doz., \$1.50; \$11.50 per 100; per 1000, \$105.00.



CALLA ELLIOTTIANA (Yellow)

	Doz.	100	1000
Mammoth Size, 2 to 2½ in. diam.....	\$2.00	\$14.00	\$135.00
Monster Size, 2½ to 3 in. diam.....	3.00	21.50	210.00
Jumbo Size, 3 to 3½ in. diam.....	4.00	29.50	290.00

SPOTTED CALLAS

Flowers white; foliage green, spotted white. Per doz., \$2.75; \$18.00 per 100; per 1000, \$175.00.

CINNAMON VINE ROOTS (Hardy)

Dark green, dense foliage with small, cinnamon scented blossoms; good stock for the florist who has a counter trade.

	Doz.	100	1000
Monster roots.....	\$0.75	\$5.75	\$52.50

GLOXINIAS

We offer extra fine large bulbs.

	Doz.	100	1000
Purple.....	\$2.75	\$21.50	\$205.00
Rose.....	2.75	21.50	205.00
Spotted.....	2.75	21.50	205.00
Choice Mixed Colors.....	2.75	21.50	205.00



MICHELL'S BULBS

No. 1—Single Tuberous Rooted Begonia

No. 2—Double Tuberous Rooted Begonia

No. 3—Fancy Leaved Caladiums

No. 4—Giant American Hybrid Amaryllis

No. 5—Gloxinia

For description and prices of above, see opposite page.

MICHELL'S MERITORIOUS DAHLIAS

FLORISTS' CUT FLOWER VARIETIES

This list offers a selection of choice cut flower varieties. Orders for varieties not listed here, but which are listed in our retail catalog, will be supplied at retail prices, less 20%. If you do not have a copy of our retail list, write for one. If you desire varieties not listed by us, we would be glad to fill your orders, as we have connections with the largest growers and can give prompt service. Unless otherwise specified, the varieties offered below will be supplied in dormant roots.

I D Informal Decorative varieties. *F D* Formal Decorative varieties.

DECORATIVE VARIETIES

	Each	Doz.	100
Avalon. Immense flowers on long, strong stems; color, chrome yellow.....	\$0.25	\$2.50	\$16.00
Barbara Redfern (<i>F D</i>). Yellow suffused bronze, shaded darker; very choice.....	.40	4.00	30.00
Barbara Wear (<i>I D</i>). Creamy white, overlaid violet rose; fine cut flower variety....	.30	3.25	22.50
Calvin Coolidge, Jr. Flowers immense; good form; rose pink suffused salmon, petals edged gold.....	.80	8.00	60.00
Champoege (<i>F D</i>). Exhibition size blooms; color, lemon yellow, suffused deep rose pink; free flowering and early; stiff stems.	2.50	37.50	
City of Trenton (<i>I D</i>). True Autumn shades, reddish copper predominating; large flowers with full centers.....	.60	6.50	50.00
Eldorado. Of dwarf habit; immense golden yellow blooms.....	.30	2.75	18.00
Eliza London Shepard. Clear golden orange, reflex darker; flowers of fine form; full center.....	1.50	16.50	
Florence Michell. Beautiful creamy white with a suggestion of shell pink.....	.80	8.00	60.00
Fort Monmouth (<i>I D</i>). Rich crimson maroon; a giant flower; free bloomer and splendid keeper.....	.85	8.50	67.50
Glory of Argonne (<i>Dec.</i>). Delicate violet rose, shading to white at center.....	.25	2.25	14.00
Haddon Hall (<i>F D</i>). Amber yellow, with carmine suffusion toward outer edge of petals, best describes this flower.....	.80	8.00	60.00
Hollopockeney. Creamy white in center, petals striped and heavily marked carmine, tips lighter.....	.80	8.00	60.00
Hunting Hill (<i>F D</i>). A real cut flower variety; color, clear yellow; profuse bloomer.....	.60	6.50	50.00
Ida Perkins (<i>F D</i>). One of the finest large pure white varieties.....	.60	6.50	50.00
Jane Cowl. Deep blooms of bronzy buff and old gold blending darker toward the center.....	.35	3.50	24.00
Jersey's Beacon. Bright scarlet, with a buff reflex, giving a two-toned effect; free bloomer.....	.30	3.00	20.00
Jersey Beauty. Large pink flowers on long stems; as a cut flower it is one of the best keepers.....	.20	2.00	12.00
Jersey Gem (<i>F D</i>). Large flowers of lavender pink; very choice.....	.35	3.50	25.00
John Merritt. A fine white variety; free flowering and excellent for cutting.....	.25	2.50	16.00
Judge Marean (<i>F D</i>). Combination of yellow, gold and orange, suffused pink and edged red.....	.25	2.50	16.00
Kathleen Norris (<i>I D</i>). True rose pink, deeping to mallow pink, light center; good bloomer and excellent keeper.....	1.00	10.00	80.00
Kentucky (<i>F D</i>). Pure salmon pink; similar in form and habit to Jersey Beauty.....	.50	5.75	42.50
Lady Drummond Hay. Beautiful orange flame; vigorous grower, on long stiff stems; a very fine cut flower variety.....	1.00	10.00	80.00
Le Grand Manitou. Large lilac, pencilled crimson; very fine for cutting.....	.20	2.00	12.00



Decorative Dahlia, Somerset

	Each	Doz.	100
Lilac Gem (<i>F D</i>). An excellent variety for basket and funeral work; flat blooms, 5 inches across.....	\$0.35	\$3.50	\$25.00
Margaret Masson. A wonderful exhibition variety; color, silvery pink; stiff stems....	.30	2.75	18.00
Margaret Woodrow Wilson. A large variety with broad petals; color, opalescent pink (meaning reverse of petals are so colored as to reflect a pink tone to the whole flower).....	.35	3.50	25.00
Marmion (<i>I D</i>). Pure golden yellow, with bronze center; strong grower.....	.40	4.00	30.00
Mr. C. H. Dresselhuys. Soft rose-pink with white suffusion towards the tips; a popular cut-flower variety.....	.20	2.00	12.00
Mrs. Eleanor Martin (<i>I D</i>). Beautiful mulberry, suffused gold; of elegant form..	.60	6.50	50.00
Mrs. I. de Ver Warner. Deep mauve pink; immense flowers of perfect form.....	.15	1.50	10.00
Mrs. J. Harrison Dick (<i>I D</i>). A real cut flower variety; color, citron yellow, suffused salmon pink; free and early bloomer.....	.20	2.00	12.00
Oyster Bay Beauty (<i>F D</i>). Dark velvet red; large artistic flower.....	.30	3.25	22.50
Patrick O'Mara. Free flowering habit; rich chrome yellow with salmon-red suffusion; giant flowers on strong stems.....	.20	2.00	12.00
Pop Stewart (<i>I D</i>). Lilac pink; large flowers	.30	3.25	22.50
Pride of California. A brilliant, glowing cardinal red of large size; a wonderful cut flower.....	.15	1.50	10.00
Pride of Fort Morgan (<i>F D</i>). Rich carmine red; fine keeper; sturdy grower.....	.75	7.50	55.00
Queen of the Garden Beautiful (<i>F D</i>). Primrose yellow; massive flowers.....	.40	4.25	32.50
Ray Warner (<i>I D</i>). Very early and profuse bloomer; color a luminous pink and lends itself to artistic decorations; a great improvement over Jersey Beauty. Roots..	7.50	82.50	
Pot Plants.....	2.00	20.00	

FLORISTS' CUT FLOWER VARIETIES

DECORATIVE VARIETIES—Continued

	Each	Doz.	100
Roman Eagle (F D). Blooms large, sometimes showing centers; color, burnished copper.....	\$0.35	\$3.50	\$25.00
Rose Fallon (F D). Deep golden bronze, shading darker; large and an excellent cut flower.....	.30	2.75	18.00
Sagamore (F D). A cut flower variety; color, golden amber, shaded toward the center with salmon rose.....	.25	2.50	15.00
Somerset (Dec.). A combination of salmon and old rose, with an occasional touch of lavender; a good cut flower.....	.35	3.50	25.00
The World. Rich, deep, rosy magenta, overlaid garnet with silver shadings on edges of petals; perfect flowers.....	.60	6.50	50.00
Thomas A. Edison. A royal purple, exhibition variety, named by Electrical Wizard; has met with universal approval at the Dahlia Shows.....	1.25	12.50	97.50
Treasure Island. Bright apricot with gold and rose suffusion; flowers extra large....	.60	6.50	50.00
Waldheim Sunshine. Deep yellow, reflex darker; long, wavy and twisted petals; flowers face upright.....	.60	6.50	50.00
White Jean Kerr. A white dahlia of medium size and always in bloom; a good keeper for cutting.....	.20	2.00	12.00



Dahlia (Hybrid Cactus), Theodore Roosevelt

CACTUS AND SEMI-CACTUS TYPES

SC Semi-Cactus varieties. IC Incurved Cactus varieties.

	Each	Doz.	100
Abe Lincoln. Bright spectrum red, reflexed rose red; early and profuse bloomer.....	\$0.80	\$8.00	\$60.00
American Triumph (IC). Bright oriental red, that does not fade.....	.75	7.50	55.00
Ballet Girl (C). Orange, tipped white, some flowers are pure orange with variations on same bush; a fine cut flower.....	.35	3.50	25.00
C. B. Githens (SC). A fine, large clear yellow variety; well formed and of good substance.....	.30	3.25	22.50
Cigarette (SC). A grand cut flower variety; creamy white, heavily edged orange red..	.30	2.75	18.00
Countess of Lonsdale. Old rose to salmon; an old favorite hard to surpass as a cut flower.....	.25	2.50	15.00
Daddy Butler (SC). A beautiful variety; color, rosy carmine, with reverse of petals lighter; large flowers on stiff stems; free bloomer.....	.25	2.50	15.00
Edna Ferber (SC). Large flowers; color, coral shading to old gold at base.....	.60	6.50	50.00
Emma Marie. Clear violet-rose with white center; flowers of good substance.....	.30	3.00	20.00
Golden Sonne (C). Rich golden yellow, with soft rose suffusion; extra large flowers of graceful formation.....	.60	6.50	50.00
Joppa (SC). Golden apricot, suffused salmon rose; a fine florists' variety.....	.30	3.00	20.00
Kalif (C). Rich strawberry red; an old favorite.....	.25	2.50	15.00
Mary Dorr (C). Bright tyrian pink, blending to white at center and tips of petals; excellent when cut.....	.25	2.75	20.00

CACTUS AND SEMI-CACTUS TYPES—Continued

	Each	Doz.	100
Minnie Eastman (SC). A beautiful variety, of a bright flame color, with under-shadings of deep yellow; a fine cut flower variety.....	\$0.75	\$7.50	\$55.00
Pink Supreme (SC). A profuse bloomer; color a lovely shade of shell pink; a cut flower variety much in demand.....	.35	3.50	25.00
Resalada (SC). Amber brown or coffee color.....	.40	4.00	30.00
Sunset Glow. Yellow at base of petal, outer part overlaid flame scarlet, tipped yellow, very early.....	.20	2.00	12.00
Theodore Roosevelt. Large flowers; color lemon yellow, deepening towards the center; incurved petals.....	.30	3.25	22.50

BALL VARIETIES

	Each	Doz.	100
American Beauty. Fine American Beauty Rose color.....	.20	2.00	12.00
Gold Medal. Fancy deep yellow, striped dark crimson.....	.25	2.50	16.00
Maud Adams. White suffused lilac; very free bloomer.....	.15	1.50	10.00
Mrs. G. C. Anderson. A fine cut flower variety; color, deep garnet.....	.20	2.00	12.00
Velvet Ball. Deep maroon; very attractive	.25	2.50	16.00

MICHELL'S SUPERB DAHLIAS

FLORISTS' CUT FLOWER VARIETIES



Pompon Dahlia, Little Paul

POMPON VARIETIES

	Each	Doz.	100
Aimee. Bronze and apricot.....	\$0.20	\$2.00	\$12.00
Anna Kristina. Golden yellow, shading deeper at center.....	.30	3.25	25.00
Bantam. Brownish red, very dainty and well formed.....	.30	3.25	25.00
Bob White. Milk white; profuse bloomer..	.30	3.25	25.00
Bronze Beauty. Golden apricot.....	.20	2.00	12.00
Candy Kid. Coral pink, shaded lavender..	.30	3.25	25.00
Darksome. Rich maroon.....	.20	2.00	12.00
Dee Dee. A perfectly formed pure lavender	.30	3.25	22.50
Donald Gordon. Burnt orange; small and compact.....	.30	3.25	25.00
Eureka. Yellow and bronze.....	.20	2.00	12.00
Glow. Light rose or coral color.....	.30	3.25	25.00
Hazel Dell. Clear pink with cerise edge....	.30	3.25	25.00
Libbie Rohr. Cerise purple; very long stems.....	.45	4.75	38.00
Little David. Very fine russet orange.....	.25	2.50	16.00
Mary Munns. Fuchsia color, with a dark orchid sheen.....	.30	3.25	25.00
Peggy Ann. Yellow, edged and shaded brownish red towards center.....	.45	4.75	38.00
Snowclad. A fine pure white variety; free bloomer.....	.20	2.00	12.00
Sunset. A delightful orange color.....	.25	2.50	15.00

PAEONY FLOWERED VARIETIES

A. C. Ide. Dark garnet; very fine cut flower.	.30	3.00	20.00
Geisha (True). An old favorite; color golden yellow changing to bright scarlet at center and back to gold at tips.....	.30	3.00	20.00
Princess Juliana. Large pure white flower; very fine for cutting.....	.30	3.00	20.00

MINIATURE VARIETIES

This class embraces small decorative and intermediate sorts between Pompon and Ball types. They are excellent for basket arrangement or for cut flowers.

	Each	Doz.	100
Charlotte (Dec.). Orange red.....	\$0.30	\$2.75	\$20.00
Coronne (Dec.). Pure white.....	.85	9.00	70.00
Fragrance (Single). Each petal is snow white, with a broad margin of bright scarlet.....	.85	9.00	70.00
Garden Love (Dec.). Yellow and pale red..	.85	9.00	70.00
Harzer Kind (Cac.). Lavender.....	.30	2.75	18.00
King Cup (Single). Pale yellow flowers, with lacy foliage.....	.85	9.00	70.00
Kitty Bellaire (Cac.). Deep maroon; tiny, very graceful flowers.....	.85	9.00	70.00
Lillian Courtney-Page (Dec.). Amber and orange.....	.85	9.00	70.00
Little Jewel (Dec.). Peach blossom pink..	.25	2.50	16.00
Pink Pearl (Peony). Rose pink.....	.85	9.00	70.00
Princess Marie Jose (Single). Lovely satin pink.....	.85	9.00	70.00

DAHLIAS IN SEPARATE COLORS

(UNDIVIDED LARGE CLUMPS)

These are splendid for retailing in your store.

	Each	Doz.	100
Pink.....	\$0.15	\$1.35	\$9.00
Red.....	.15	1.35	9.00
White.....	.15	1.35	9.00
Yellow.....	.15	1.35	9.00

Dusting Dahlia tubers with Semesan or soaking them with liquid Semesan will generally prevent rotting in storage or soil.



Peony Dahlia, Geisha

Testimonial

I saw a Dahlia bed at a park at North Platte which was grown from your roots. It was the best I ever seen in this country.

T. T. LEWIS.

DIELYTRA OR DICENTRA

(Bleeding Heart)

Spectabilis. Excellent for forcing. \$3.00 per 10; per 100, \$25.00.

HYACINTHUS (Summer Hyacinths)

Candicans. White flowering; very desirable for planting in borders. Large bulbs. Doz., \$1.00 (by parcel post, \$1.10); \$7.50 per 100; per 1000, \$70.00.



Ismene

ISMENE CALATHINA (Pancratium Lily)

Flowers a beautiful waxy white, deliciously fragrant. Bulbs are not hardy and should be removed to the house in October. These sell readily as a bulb or flower, and for Summer funeral work are equal to lilies. Per doz., \$1.35 (by parcel post, \$1.50); \$9.75 per 100; per 1000, \$92.50.

MONTBRETIAS

Montbretias resemble miniature gladiolus, are fine for cutting and excellent for border planting. They prefer a light loamy soil, well enriched with leaf mould, but no manure or chemical fertilizer should touch the roots; a little bone meal and a light top dressing of lime should prove beneficial. They will thrive either in partial shade or full sunlight, but see that the moisture supply is good at all times.

If wanted by Parcel Post, add 15c. per 100 for postage.

	Doz.	100	1000
Fire King. Fiery red.....	\$0.60	\$3.75	\$32.50
George Davison. Very large chrome yellow. .80		5.50	50.00
His Majesty. Rich yellow center, shading to brilliant scarlet.....	2.25	16.00	155.00
King Edmund. Golden-yellow with brown markings in throat.....	.80	5.50	50.00
Queen Alexandra. Light golden orange, with crimson bars.....	1.15	8.50	80.00
Rosea. Bright salmon rose.....	.80	5.50	50.00
Una. Light orange, with crimson reverse, inner surface marked crimson.....	1.15	8.50	80.00
Choice Mixed. .....	.45	2.75	22.00

MADEIRA OR MEXICAN VINE

Mammoth roots. Per doz., 65c. (by parcel post, 75c.); \$4.50 per 100; per 1000, \$40.00.

OXALIS (Summer Flowering)

Splendid for the florist with a retail store; they sell readily. Extra large bulbs.

	Doz.	100	By P.P.	1000
Deppii. White.....	\$0.15	\$0.80	\$0.90	\$7.50
Lasiandra. Pink.....	.15	.80	.90	7.50
Shamrock. Pink.....	.15	.80	.90	7.50

TIGRIDIA PAVONIA

(Mexican Shell Flower)

An excellent flowering bulb for the garden, known as the "Tiger or Shell Flower." Colors vary from pure white to gold and vivid scarlet, all are deeply blotched and speckled with crimson maroon. Plant in May, 6 inches apart and 3 to 6 inches deep; they require treatment similar to gladiolus.

	Doz.	100	By P.P.	1000
Hybrids Mixed.	\$0.90	\$6.75	\$6.90	\$62.50

TUBEROSES

We have contracted for a very fine stock of bulbs of full size, the kind that bloom. Planted outdoors in April, they provide an inexpensive crop of profitable flowers for late summer and early autumn trade.

	Doz.	100	1000
Double Pearl. Double pure white. Full 4 to 6 in. circum. bulbs.....	\$0.40	\$2.50	\$20.00
Albino or Mexican. Single white, first size bulbs.....	.40	2.50	20.00

ZEPHYRANTHES

This is a small flowering type of dwarf growing Amaryllis adapted for pot and pan culture.

	Doz.	100	1000
Treatea Alba. White.....	\$0.40	\$2.50	\$20.00
Treatea Rosea. Pink.....	.80	5.50	50.00



Montbretia

IMPORTANT—The stock, offered by us, is the best obtainable and will give best satisfaction to the most critical buyer. However, we cannot guarantee the success of the grower, who purchases the stock, except if the stock turns out not being true to name, and in such case, our liability is limited to the invoice value at the time of shipment.

We recommend all shipments to go by express, except small shipments, which can readily go by mail.

If shipments arrive in bad condition, accept them and receipt for them accordingly and enter claim to the transportation company. We, of course, will assist you in every possible way.

Any complaints as to the quality cannot be entertained, unless made to us within two days after receipt of goods.

HENRY F. MICHELL CO.

GERANIUM "MICHELL'S SENSATION"

(A Cross between Ricard and Jean Viaud.)

Well named, as it is really a "Sensation," and surpasses all red varieties, now in existence.

The most outstanding features of this sterling variety are as follows:

- A—Very vigorous grower.
- B—Free-flowering qualities, not known in any other variety.
- C—Handsome foliage of leathery substance. Light green with dark zone.
- D—Brilliant red, Poinsettia colored. Double flower heads, expanding 5 to 6 inches across.
- E—Covered continuously with flower heads, often 6 to 7 at one time.
- F—May be had in bloom for Christmas. Most valuable as an Easter plant.

	Per 25	Per 100	Per 1000
2 1/4-in. Pot Size.....	\$2.50	\$8.00	\$70.00
Rooted Cuttings.....		4.50	40.00

NEWER AND STANDARD VARIETIES OF GERANIUMS, 2 1/4 IN. STOCK

We take the greatest pains to supply only the best quality of this important stock. Our Geranium will produce flowers. No order will be executed for less than 25 plants of any one variety. Order early.

	2 1/4-inch stock	
	100	1000
Helen Michell. Compact; free-flowering. The old reliable scarlet.....	\$6.00	\$55.00
Alphonse Ricard. Bright vermilion.....	6.00	55.00
Beaute Poitevine. Light salmon.....	6.00	55.00
Beaute Poitevine Improved.....	6.00	55.00
Breems Charm (New). Bright scarlet, extremely free bloomer.....	10.00	90.00
E. R. Bresler (Novelty). Rose-pink, with a decided lavender cast. Considered the best pink as to color and free flowering qualities.....	9.00	80.00
Fiat (New). Beautiful pinkish salmon.....	7.50	65.00
Louise (Novelty 1932). Vivid scarlet; early bloomer.	7.50	65.00
Mme. Buchner. Double white.....	6.00	55.00
Mme. Landry. Bright salmon.....	6.00	55.00
Mrs. Gloede. Deep carmine pink.....	6.00	55.00
Mrs. Lawrence. Salmon pink.....	6.00	55.00
Pink Barney. Shrimp pink.....	6.00	55.00
Irvington Beauty (New). Rose pink.....	6.50	60.00
Radio. Intense scarlet.....	6.00	55.00
Salmon Ideal (New).....	7.50	65.00
Red Barney. Brilliant scarlet.....	6.00	55.00
S. A. Nutt. Dark red.....	5.50	50.00

Quantities of 2000 or more will be billed at \$5.00 per 1000 less than price quoted above.

TESTIMONIAL ON MICHELL'S CYCLAMEN

Jan. 12th, 1932.

We are more than pleased with the Cyclamens, which we received from you. The same produced the most wonderful plants and from now on will only grow your strain.

Hanover Floral Co., Inc.,
Hanover, N. J.



Crassula Rubicunda "Brilliancy"

CRASSULA RUBICUNDA "BRILLIANCY"

A Real Novelty of Greatest Merit

An entirely new pot plant with masses of poinsettia red flowers, which will prove a sensation and a profit maker for the Florist. As a pot plant for Easter or Mother's Day, it is unequalled in brilliancy of color, lasting qualities and easy cultivation. Can also be grown for Xmas.

Plants ready for shipment now.

All orders filled in rotation.

Price of 2 1/4" plants.		
Per 25	Per 100	Per 1000
\$6.00	\$20.00	\$175.00

ACHYRANTHES

	Price	
	Per 100	Per 1000
Brilliantissima R. C.....	\$2.50	\$18.00
" 2 1/4-in.....	6.00	50.00

ATHERNANTHERA

	Per 100	Per 1000
Aurea nana. Rooted cuttings.....	\$1.75	\$15.00
Rosea nana. Rooted cuttings.....	1.75	15.00
Brilliantissima. Rooted cuttings.....	2.00	17.50
2 1/4-in. stock of above, \$5.50 per 100; per 1000, \$50.00.		

AGERATUM

Henry F. Michell (*Novelty*, 1931.) The dwarfest growing and largest flowering in existence. Fine as a pot plant for Mother's and Memorial Days.

	Per	Per
	100	1000
Rooted cuttings.....	\$2.50	\$18.00
2 1/4" Pot plants.....	6.00	50.00

	Per	Per	Per
	25	100	1000
Fraseri Improved. Rooted Cuttings.....	\$1.75	\$16.00	
" " 2 1/4".....	\$1.50	5.00	45.00
Wilsoni. Rooted Cuttings.....		1.75	16.00
" " 2 1/4".....	1.50	5.00	45.00
Blue Star (Dwarf). Rooted Cuttings.....		1.75	16.00
" " 2 1/4".....	1.50	5.00	45.00

ASPARAGUS

Plumosus nanus. 2 1/4-inch pots.....	\$1.75	\$6.00	\$50.00
Plumosus nanus. 3-inch pots, extra strong	4.00	15.00	125.00
Sprengeri. 2 1/4-inch pots.....	1.75	6.00	50.00
Sprengeri. 3-inch pots.....	4.00	15.00	125.00

BEGONIAS (Ready May to July)

These indispensable Christmas Plants are grown for us by the foremost specialist. Grown from leaf-cuttings.

Melior. 2 1/4-inch pots.....	Price will be established later
Lady Mac. 2 1/4-inch pots.....	

BEGONIA REX

	Per	Per	Per
	25	100	1000
Finest varieties mixed. 2 1/4-inch.....	\$4.00	\$14.00	\$125.00

MISCELLANEOUS BEGONIAS

Christmas Cheer. 2 1/4-inch.....	\$1.50	\$5.00	\$45.00
Corallina de Lucerne. 2 1/4-inch.....	2.50	8.00	75.00
Luminosa. 2 1/4-inch.....	1.25	4.50	40.00
Pink Chatelaine Supreme. 2 1/4-inch....	1.75	6.00	55.00
Red Chatelaine Supreme. 2 1/4-inch.....	1.75	6.00	55.00

BROWALLIA

	Per	Per	Per
	25	100	1000
Speciosa major. Splendid for pots or baskets. Rich blue, 2 1/4-inch.....	\$1.75	\$6.00	\$50.00

BUDDLEIA (Butterfly Bush)

Variabilis Magnifica. We have prepared an excellent stock in 3-inch pots, which we offer at 6 for \$1.00; \$1.75 per doz., post-paid; 25 for \$2.75; \$10.00 per 100, by express not prepaid. Ready April 1st.

CRASSULA (Jade Plant or Chinese Rubber Plant)

	Per	Per	Per
	25	100	1000
Arborescens. 2 1/4-inch.....	\$2.50	\$8.00	\$75.00
" 3-inch.....	4.00	15.00	125.00

CALENDULA

Sensation (Campfire). 2 1/4-inch.....	\$1.75	\$6.00	\$50.00
Ball's Orange. 2 1/4-inch.....	1.75	6.00	50.00
Ball's Gold. 2 1/4-inch.....	1.75	6.00	50.00
Ball's Lemon Queen. 2 1/4-inch.....	1.75	6.00	50.00

PLEASE NOTE—Shipments of perishable goods can only be made at your risk

If shipments arrive in bad condition, accept them and receipt for them accordingly and make claim for your loss to the transportation company. We, of course, hold ourselves ready to assist you in any possible way. It has been found that claims can be collected more readily by the person receiving the goods than by the shipper.

CARNATION

Crimson King (*Novelty*)

Beautiful mahogany red flowers, as large as a good greenhouse carnation, and of delicious fragrance. Flowers on long stems and practically all Summer. 2 1/4-inch plants. Price per 25, \$4.00; \$15.00 per 100.

CYCLAMEN SEEDLINGS

The growing of Cyclamen is one of our specialties. The seedlings are given plenty of room to develop and are carefully packed, so that when received they are ready for 2 1/4-inch pots. The stock we offer is grown from our Giant show strain of Seed. In separate colors. Bright Red, Blood Red, Glory of Wandsbek, Perle of Zehlendorf, Rose of Marienthal and Salmon Scarlet.

Shipments of these can be best made by special handling, parcel post. Please add 20c. per 100 for postage, plus 15c. for special handling. Price, \$6.00 per 100; per 1000, \$50.00. Not less than 100 seedlings sold, nor less than 25 of a color.

CYCLAMEN PLANTS

2 1/4-inch pot plants ready March 1st, \$10.00 per 100; per 1000, \$90.00. 3-inch pot plants ready June 1st, \$18.00 per 100; per 1000, \$160.00.

See page 15 for Cyclamen Seed

CARNATIONS—Rooted Cuttings

Ready for delivery January and later. Extra fine, clean, healthy stock

	PRICE	
	Per	Per
	100	1000
Aviator Red.....	\$5.50	\$50.00
Betty Lou. Brilliant pink.....	5.50	50.00
Boston Ward. Pink.....	5.50	50.00
C. W. Ward. Pink.....	5.00	45.00
Dandy Pink.....	5.50	50.00
Early Rose. Glistening pink.....	5.50	50.00
Eldora Pink. Bright pink.....	5.50	50.00
Enchantress Supreme. Salmon pink.....	5.00	45.00
Illuminator. Bright cerise pink.....	6.50	55.00
Ivory. Pure white.....	5.00	45.00
Jane Sutherland. Light flesh pink. Good shipper..	8.00	75.00
Laddie. Beautiful pink.....	10.00	90.00
Maine Sunshine. Clear yellow.....	10.00	90.00
Marjorie (<i>Novelty</i> 1931). Dark pink.....	6.50	55.00
Patrician (<i>New</i>). White; one of the best shippers.		
Large flowers.....	12.00	100.00
Pink Abundance. Pink.....	5.00	45.00
Pink Matchless.....	5.00	45.00
Romance (<i>New</i>). Beautiful salmon rose.....	11.00	100.00
Salmon Spectrum. Salmon red.....	5.50	50.00
Senator. One of the best white.....	5.50	50.00
Spicy White. White.....	6.50	55.00
Sophelia. Dark pink.....	5.50	50.00
Spectrum. Brilliant rich scarlet.....	5.50	50.00
Spectrum Supreme. Improved Spectrum Red...	6.50	55.00
Sunset Glow. Bronzy yellow, suffused pink and white.....	7.00	60.00
White Matchless. Pure white.....	5.50	50.00

MICHELL'S CHRYSANTHEMUMS (Rooted Cuttings)

The Chrysanthemum Cuttings offered by us will give entire satisfaction. There are no better. We are recommending the following varieties as most dependable. All varieties have been thoroughly tested and proven the best. The dates given denote their flowering time under normal conditions.

IMPORTANT: For Complete List of Chrysanthemums send for our Special Circular. Prices on quantities quoted on request.

LARGE FLOWERING STANDARD AND NEW VARIETIES

WHITE

Price
Per 100 Per 1000

Betsy Ross. Nov. 5.....	\$3.50	\$30.00
Charles Rager. Nov. 10.....	3.50	30.00
Chas. W. Johnson (New). Oct. 25.....	7.00	65.00
Chattanooga. Dec. 1.....	3.50	30.00
December Glory. Dec. 1.....	3.50	30.00
Edgar Stillman Kelly. Nov. 15.....	3.50	30.00
Margaret Graham. Nov. 15.....	3.50	30.00
Mefo. Nov. 20.....	3.50	30.00
Mistletoe. December.....	3.50	30.00
Oconto. Oct. 15.....	3.50	30.00
Quaker Maid. Oct. 5.....	3.50	30.00
Silver Sheen. Oct. 20.....	3.50	30.00
Smith's Early White. Oct. 5.....	7.00	65.00
Snowwhite. Nov. 1.....	3.50	30.00
White Chadwick. Nov. 25.....	4.00	35.00
White Chieftain. Nov. 1.....	3.50	30.00
White Seidewitz. Nov. 25.....	3.50	30.00
White Turner. Nov. 1.....	6.00	55.00

YELLOW

Celebration. Nov. 20-25.....	\$3.50	\$30.00
Celestra. Oct. 10.....	3.50	30.00
Clara B. Ford. Nov. 20.....	3.50	30.00
Friendly Rival. Nov. 25.....	3.50	30.00
Golden Chadwick. Nov. 25.....	4.00	35.00
Golden Glory. Nov. 1.....	3.50	30.00
Golden Glow. Sept.....	3.50	30.00
Golden Queen. Oct. 10.....	3.50	30.00
Gold Lode. Oct. 1.....	3.50	30.00
Major Bonnafon. Nov. 15.....	3.50	30.00
Mrs. R. M. Calkins. Nov. 25-30.....	3.50	30.00
Mrs. Nellie T. Ross. Nov. 30.....	3.50	30.00
Sun Gold. Nov. 20-25.....	3.50	30.00
Sun Glow. Oct. 25.....	3.50	30.00
Whittier. Nov. 15.....	3.50	30.00
Yellow Frost. Sept.....	3.50	30.00
Yellow Mistletoe. December.....	3.50	30.00
Yellow Seidewitz. Nov. 25.....	3.50	30.00

PINK

Chieftain (J. W. Prince). Nov. 1.....	\$3.50	\$30.00
Distinction. Nov. 25.....	3.50	30.00
Dr. Enquehard. Nov. 25.....	3.50	30.00
Helen Frick. Thanksgiving.....	3.50	30.00
Justrite. Oct. 15.....	3.50	30.00
Mrs. E. A. Seidewitz. Nov. 25.....	3.50	30.00
October Rose. Oct. 12.....	3.50	30.00
Pink Mistletoe. December.....	3.50	30.00
Pink Turner. Oct. 15.....	6.00	55.00
Rose Chocard. Oct. 20.....	3.50	30.00
Thanksgiving Pink. Nov. 25.....	3.50	30.00

BRONZE

Bronze Chadwick. Nov. 25.....	\$4.00	\$35.00
Bronze Turner. Nov. 1.....	6.00	55.00
Detroit News. Oct. 25.....	3.50	30.00
Gladys Pearson. Nov. 20-25.....	3.50	30.00
Harvard. Nov. 15.....	3.50	30.00
Hilda Bergen. Oct. 25.....	3.50	30.00

POMPON, SINGLE AND ANEMONE TYPES

WHITE

Price
Per 100 Per 1000

Blanche. (Anemone) Oct. 27.....	\$3.50	\$30.00
Chicago Pearl. Thanksgiving.....	3.50	30.00
Garza Supreme. (Anemone) December.....	3.50	30.00
Irene. Oct. 15.....	3.50	30.00
White Doty (Disbudding) Nov. 1.....	3.50	30.00
White Mensa. (Single) Nov. 10.....	3.50	30.00

YELLOW

Christmas Gold. Dec. 1.....	\$3.50	\$30.00
Charter Oak. (Single) Nov. 25.....	3.50	30.00
Cora Peck Buhl. Oct. 25.....	3.50	30.00
Gold Coin. (Disbudding) Dec. 1.....	3.50	30.00
Golden Nymph. Dec. 10.....	3.50	30.00
November Gold. Nov. 15.....	3.50	30.00
Rio Rita. (Anemone) Nov. 10.....	3.50	30.00
Sunshine. (Anemone) Thanksgiving.....	3.50	30.00
Yuletide Yellow. Dec. 1.....	3.50	30.00
Zora. Oct. 15-20.....	3.50	30.00

PINK

Acto. (Disbudding) Nov. 1.....	\$3.50	\$30.00
Alice. Nov. 1.....	3.50	30.00
Angelo. (Disbudding) Oct. 25.....	3.50	30.00
Le Roy. Nov. 10.....	3.50	30.00
Lilian Doty. (Disbudding) Nov. 1.....	3.50	30.00
Mrs. E. D. Godfrey. (Single) Thanksgiving.....	3.50	30.00
Pagosa. Dec. 1.....	3.50	30.00
Usonia. Thanksgiving.....	3.50	30.00
Western Beauty. (Anemone) Nov. 15-25.....	3.50	30.00

BRONZE

Aladdin (Novelty). Large flowering Pompon, blooming from August to November. Beautiful bronzy apricot orange.....	\$8.00	\$75.00
Aloma. (Single) Oct. 5.....	3.50	30.00
Bronze Buckingham. (Single) Nov. 5.....	3.50	30.00
Dorothy Turner. Thanksgiving.....	3.50	30.00
Frank Wilcox, Jr. Thanksgiving.....	3.50	30.00
Izola. (Anemone) Nov. 1.....	3.50	30.00
November Bronze. Thanksgiving.....	3.50	30.00
Rowena. Thanksgiving.....	3.50	30.00

POT VARIETIES

Eileen Masson. Single pink. Oct. 20.....	\$4.50	\$40.00
Kathleen Thompson. Crimson.....	4.50	40.00
Lavender Caprice.....	4.50	40.00
Patty. Pink. Late.....	4.50	40.00
Pink Caprice.....	4.50	40.00
Purple Caprice.....	4.50	40.00
Yellow Caprice.....	4.50	40.00
White Caprice.....	4.50	40.00
W. H. Lincoln. Yellow. Late.....	4.50	40.00

PLANTS FOR MINIATURE GARDENS

We are offering well established plants, 2 1/4" pots in the finest assortments, consisting of Crassula, Echeverias, Kalanchoes, Brynesia, Sedums, etc.

Assortment No. 1 \$7.50 per 100 (10 each, 10 varieties)
Assortment No. 2 \$15.00 " " (10 " 10 ")

COLEUS—Rooted Cuttings

New Trailing Beauty. (New). Very bright color, similar to San Salvador; excellent for make-up work. All year round seller. \$2.25 per 100; per 1000, \$20.00.

	Per 100	Per 1000
American Beauty. Contrasting colors of fire red, yellow, green, purple or orange.....	\$2.00	\$15.00
American Beauty Improved. More brighter than American Beauty.....	2.00	15.00
Beauty of Lyon. Dark grey and gold.....	2.00	15.00
Brilliancy. Bright carmine, shading off to a deep maroon, margined yellow and green.....	3.00	25.00
Beckwith's Gem. Dark maroon, bordered fiery red, edged green.....	2.00	15.00
Big Tim. Wine colored, yellow and green.....	2.00	15.00
Butterfly. Bright carmine, margined yellow and green.....	2.00	15.00
Beauty of Caroline. Green with dark maroon center.....	2.00	15.00
Defiance. Yellow and red, very showy.....	2.00	15.00
Duineria. Very dark maroon.....	2.00	15.00
Firebrand. Bright maroon, flamed vivid scarlet....	2.00	15.00
Golden Bedder. The favorite yellow.....	2.00	15.00
Lord Palmerston. Purple, fine for pots.....	2.00	15.00
Mastic. Bright carmine and gold. Finest of all....	2.00	15.00
Pink Verschaffelti.	2.00	15.00
President Harding Improved. Curled foliage; very bright.....	2.00	15.00
Queen Victoria. Bright cardinal red, bright golden border.....	2.00	15.00
Queen Victoria Improved. Very bright; excellent bedder.....	2.00	15.00
Salvador. Soft crimson maroon, bordered green and gold.....	2.00	15.00
Verschaffelti. The standard crimson variety.....	2.00	15.00
Trailing Queen. The so-called running variety, with small foliage, yellow and pink center, bordered maroon and green.....	2.00	15.00
Not less than 100 of any variety sold		

DRACAENA MASSANGUEANA

6-inch pots, extra heavy, \$1.00 each.

EPIPHYLLUM TRUNCATUM OR XMAS CACTUS

Splendid for Japanese Gardens or indoor Rockeries.

	Per 25	Per 100
2 1/4-inch pots.....	\$2.75	\$10.00
3-inch pots.....	5.00	17.50

FERNS 2 1/4 Inch Stock

Although usually for delivery from May to July, we have made arrangements to supply stock throughout the year. Extra fine clean stock.

	Scottii		25	100	1000
Boston					
Dwarf Boston	Verona	}			
Teddy, Jr.	Whitmanni Compacta		\$2.00	\$7.00	\$60.00
Roosevelt					

Not less than 25 of any one variety sold

FERNS—6 Inch Stock

Ready now

These plants are all pot-grown and are not to be compared with the unshapely plants sometimes grown in benches. Prices are for strong plants for 6-inch pots.

	Doz.	100
Nephrolepis, Dwarf Boston	\$8.00	\$60.00
“ Scottii	8.00	60.00
“ Teddy, Jr.	8.00	60.00
“ Verona	8.00	60.00

FEVERFEW

	Per 100	Per 1000
Little Gem. R. C.	\$2.00	\$17.50
“ “ 2 1/4-inch.....	5.00	45.00

GERMAN OR PARLOR IVY

	Per 100	Per 1000
Rooted Cuttings	\$2.00	\$18.00
2 1/4-inch Pots	4.50	40.00

PILEA MICHELLI (New)

A dwarf, erect growing Pilea. Very fine for bowl gardens, one of the few plants which thrives in moist atmosphere. It can be used in combination pots, hanging baskets, and porch boxes. A wonderful subject to be grown for a specimen plant, as its dark foliage is very attractive, and its growth is very symmetrical. A novelty that will merit the confidence of every grower. Price of strong 2 1/4-inch pot plants, 25 for \$4.00; \$15.00 per 100.

FICUS ELASTICA

(Rubber Plants)

Extra strong Moss Rooted Cuttings. Well rooted, standard size cuttings; 5-7 leaves. Packed in wire bound boxes, 250 cuttings per box.

Our source of supply for Ficus Elastica is unexcelled.

Quoted f. o. b. New Orleans

Price per original box (250 cuttings), \$40.00

Price per 100, \$17.50

No orders can be accepted for less than 100 cuttings. Delivery will be made beginning May.

Prices for larger quantities on application

FUCHSIA

	Per 100	Per 1000
Black Prince. Rooted Cuttings.....	\$3.50	\$30.00
“ “ 2 1/4-inch.....	6.00	55.00
Giant Pink. Rooted Cuttings.....	4.00	35.00
“ “ 2 1/4-inch.....	6.50	60.00
Little Beauty. Rooted Cuttings.....	4.00	35.00
“ “ 2 1/4-inch.....	6.50	60.00
Pride of Orion. Rooted Cuttings.....	4.00	35.00
“ “ “ 2 1/4-inch.....	6.50	60.00

GERBERA JAMESONI (Transvaal Daisy)

We offer these in extra strong 2-year divisions; wonderful assortment of colors.

Price: \$4.50 per 12; per 25, \$8.00; \$27.50 per 100.

HELIOTROPE

	Per 100	Per 1000
Royal Fragrance. The best of all. Rooted cuttings	\$3.00	\$25.00
Royal Fragrance. 2 1/4-inch.....	6.50	60.00

IVY—English

	Per 100	Per 1000
Rooted Cuttings; strong, well rooted	\$2.00	\$16.00
2 1/4-inch.....	6.50	55.00
Variegated English Ivy. Rooted cuttings.....	5.00	40.00
Variegated English Ivy. 2 1/4-inch cuttings.....	9.00	85.00

LANTANA

For Mother's Day Sales. Fine 2 1/4-inch stock.

	25	100	1000
Alba Perfecta. Pure white.....	\$1.75	\$6.00	\$50.00
Comte de Biencourt. Pure pink.....	1.75	6.00	50.00
Jacob Schultz. The best red.....	1.75	6.00	50.00
La Pleur d'Or. Golden yellow.....	1.75	6.00	50.00
M. Schmidt. Red, orange and yellow....	1.75	6.00	50.00
Radiation. Semi-dwarf; brilliant red, center orange yellow.....	1.75	6.00	50.00
Tethys. A dwarf variety; lemon-yellow...	1.75	6.00	50.00
Weeping Lantana. The plants have a graceful drooping habit, grow very rapidly and bloom continually summer and winter, producing large clusters of the most delicate lilac and rose pink.....	1.75	6.00	50.00

MICHELL'S CHOICE PLANTS FOR FLORISTS

MICHELL'S HYDRANGEAS

Our stock is produced from Earliest Cuttings. They produce stockier plants, better colors, freer bloomers.

Lot No. 1

Chataurd. Pink. Easy forcer.
E. G. Hill. Clear pink; early forcer.
E. Moulliere. White.
Lorelei. Carmine red.
Otaksa. The old reliable.
Rheingold. Brilliant pink.
Splendens. Glossy clear red.
Trophee. Early red.
Gertrude Glahn. Dark rose.
Goliath. A real giant.
Helge. Soft red.
M. Foch. Early Deep Carmine.
Niedersachsen. Excellent for Blueing.
Parsifal. Red fringed petals.
Rubis. Dark rose.

Price of the above, Lot No. 1

Rooted Cuttings, per 100.....\$5.00
2-inch, per 100..... 8.00
3-inch, per 100.....12.00

Lot No. 2

Deutschland. Salmon pink.
Giselheer. Dark carmine red.
Hollandia. Beautiful salmon red.
K. Wilhelmina. Large rose colored.
La France. Dwarf; good for blueing.
Lindbergh. American Beauty rose color.
M. Baardse. Salmon red.
Nixe. Dark blood red.
Paris. Good for blueing.

Price of the above, Lot No. 2

Rooted Cuttings, per 100.....\$8.00
2-inch, per 100.....12.00
3-inch, per 100.....18.00

Lot No. 3

Belgica. Pink.
Boskoop. Fine pink.
Fruehlingserwachen. Early carmine red.
Louis Savage. Excellent dark pink.
Mein Liebling. Early dark pink.
Rochambeau. Beautiful pink.
Schoene Dresderin. Early wine red.
Will Kommen. Brilliant pink.
Vulkan. Deep pink.

Price of the above, Lot No. 3

Rooted Cuttings, per 100.....\$12.00
2-inch, per 100.....16.00
3-inch, per 100.....28.00

PANDANUS

Veitchii. 4-inch.....Each Per 100
" 6-inch; each, \$1.00.....\$0.60 \$50.00

POINSETTIA STOCK PLANTS

Booked for Delivery in April F. O. B. New York, Pittsburgh, Chicago

Mrs. Paul Ecke. The best of all for pot plant purposes. Has Oak Leaf foliage, and bright red bracks similar to Xmas Red.

	Per 25	Per 100
Light grade.....	\$7.00	\$25.00
Medium grade.....	10.00	35.00
Heavy grade.....	14.00	50.00
Oak Leaf, Henrietta Ecke, Hollywood and St. Louis		
Light grade.....	4.50	15.00
Medium grade.....	7.00	25.00
Heavy grade.....	10.00	35.00
Extra heavy grade.....	12.50	45.00
True Red and Pink		
Light grade.....	4.50	15.00
Medium grade.....	5.50	18.00
Heavy grade.....	7.00	25.00
Extra heavy grade.....	8.50	30.00

The above prices are only on orders placed by March 15th, in time for carload shipments. Later orders are priced f. o. b. Los Angeles.

PELARGONIUMS (2 1/4" Pots)

Extra fine, healthy plants; no white fly.
No orders filled for less than 25 plants of any variety.

	Per 25	Per 100	Per 1000
Edith North (Novelty, 1930). Undoubtedly the finest Pelargonium introduced. Color Rose pink, shaded deeper pink in upper petals, blotched dark brown.....	\$3.00	\$10.00	\$90.00
Gardeners Joy. Apple blossom, upper petals brown.....	1.75	6.00	55.00
German Glory. Cattleya blue; crimson spots.....	1.75	6.00	55.00
Mrs. Loyal. The pansy Pelargonium.....	1.75	6.00	55.00
Easter Greeting. Bright red, black blotch.....	2.00	6.50	60.00
Lucy Becker. Rosy pink.....	1.75	6.00	55.00
Swabian Maid. Brilliant salmon.....	1.75	6.00	55.00
Wurtembergia. Deep red.....	1.75	6.00	55.00
Wolfgang von Goethe. Red, deep violet spots.....	1.75	6.00	55.00
Prince Bismarck. Lavender, black blotches.....	1.75	6.00	55.00
Pride of Quedlinburg.....	1.75	6.00	55.00
Springtime (New). Beautiful white and pink ruffled.....	2.50	9.00	80.00

PETUNIA — (Rooted Cuttings)

	Per 100	Per 1000
Double Fringed.....	\$3.00	\$22.50
Double Rosy Morn.....	3.00	22.50

PEPEROMIA (2 1/4")

	25	100	1000
Silver Striped.....	\$3.50	\$13.00	\$125.00
Obtusifolia.....	3.25	11.00	90.00

PHILODENDRON

	25	100	1000
Cordatum. 2 1/4".....	\$2.75	\$9.00	\$80.00

SANSEVERIA ZEYLANICA (Rosette Type)

	100	1000
2 1/4" plants.....	\$8.50	\$75.00

SAINTPAULIA IONANTHA (African Violet)

We offer fine strong 2 1/4-inch pots of this desirable variety.
Price. Per 25 plants, \$6.00; \$20.00 per 100.

STEVIA

	Per 25	Per 100	Per 1000
True Half Dwarf. 2 1/4 in.....	\$1.75	\$6.00	\$50.00

VERBENA ROOTED CUTTINGS

	Per 100	Per 1000
Cerise Beauty of Oxford.....	\$2.25	\$20.00
Pink Beauty of Oxford.....	2.25	20.00
Helen Wilmot. Salmon.....	2.25	20.00
Comet. Solid crimson red.....	1.75	15.00
Scarlet King (New).....	3.00	22.50
Delta. Lavender.....	1.75	15.00
Mayflower. Light pink. (True stock).....	2.25	20.00
Firefly. Bright red.....	1.75	15.00
Gigantea Alba. White.....	1.75	15.00
Grandiflora Royal. Rich deep blue, creamy yellow eye.....	2.25	20.00
True Purple.....	1.75	15.00

VINCA VARIEGATA

We offer an extra fine quality of these indispensable florist's plants; extra heavy stock, well variegated.

	Per 25	Per 100	Per 1000
Rooted Cuttings.....	\$2.25	\$17.50	
2 1/4 in. pots.....	\$1.75	6.00	55.00
3 in. pots.....	3.00	11.00	100.00

Note.—Not less than 25 of any variety sold, except where noted. 250 plants at 1000 rate.

MICHELL'S HARDY PERENNIAL PLANTS

FOR ROCK GARDENS, LANDSCAPING, CUT FLOWERS AND HOME GARDENS



Illustration shows the Wonderful Results obtained by using Hardy Chrysanthemums in Basket Work

An investment in Perennials is most profitable. We send out strong field grown plants, which will give splendid results the first season. Perennials bloom at a time of year when greenhouse cut flowers are scarce. Grow your own supply.

The plants we send out must measure up to a high standard. We are constantly experimenting with new varieties and discarding others. The following list represents only field grown hardy plants of worthy varieties.

IMPORTANT FOR FLORISTS

As time goes on, there are more florists realizing the fact that the use of perennials is an important factor in their business throughout the dull summer months.

Within the past few years many florists have made plantings of perennials in some vacant land adjoining or close to their greenhouses. They are finding it more important every year to be able to cut outdoor flowers while they are changing soil and preparing their houses for their usual run of greenhouse stock.

We are advised by many leading florists, who have made a practice of this, that the benefits derived from a perennial planting are beyond explanation by mere words. While the greenhouse is idle, perennials fill the gap in the way of supplying fresh flowers which are suitable for general florists' use, and thus prevents them from ordering flowers from distant wholesale markets. They are able at all times to cut fresh flowers for their special work throughout the months of July, August and September, when there are practically no greenhouse flowers to be had. An investment in perennials is indispensable and pays returns each year that are many times larger than the original amount invested.

Our perennials are grown especially for florists' use. The best of the plants are supplied. We are always striving to furnish the best plants in the several varieties that we offer suitable for cutting purposes. We are glad to recommend special lists which cover a long period of bloom out of doors. By having a collection of the cut flower perennials you need not worry as to where you are going to secure flowers for a job which must be completed in a limited time.

Prices quoted are for extra strong one-year old field roots, not Seedlings. Not less than 25 of any one variety at 100 rate.
No Order accepted for less than 10 of any variety, except where noted.

See the following Pages for Complete List of Hardy Perennials

	Per 10	Per 100
(R) Achillea Argenteum. Yellow.....	\$0.90	\$ 7.50
*—Boule de neige. Double white.....	.90	7.50
*—Cerise Queen. Cerise red.....	.90	7.50
—Millefolium Roseum. Pink.....	.90	7.50
*—Perry's White. White.....	.90	7.50
*—The Pearl. Pure white.....	.90	7.50
(R)—Tomentosa. Yellow.....	1.00	9.00
Aconitum Autumnale. Dark blue.....	1.00	9.00
—Fischeri. Pale blue.....	1.00	9.00
—Sparks Variety. Deep blue.....	1.00	9.00
—Wilsoni. Mauve.....	1.50	12.00
Agrostemna Atrosanguinea. Deep red.....	.90	7.50
*—Coronaria Alba. White.....	.90	7.50
(R) Alyssum Argenteum. Yellow.....	1.00	9.00
(R)—Rostratum. Pale yellow.....	1.00	9.00
(R)—Saxatile compactum. Golden.....	1.00	9.00
Anchusa Italica Dropmore. Blue.....	1.00	9.00
(R)—Myositidiflora. Blue.....	1.25	10.00
*Anthemis Tinctoria. New hybrids.....	1.00	9.00
Anemone Giant Blanche. Double white.....	1.25	10.00
—Mount Rose. Double pink.....	1.25	10.00
—Vitifolia Hupehensis. Single pink.....	1.25	10.00
—Sylvestris. White.....	1.25	10.00
Aquilegia alpina. Dark blue.....	.90	7.50
(R)—Canadensis. Red and yellow.....	.90	7.50
—Chrysantha. Golden yellow.....	.90	7.50
—Dobbie's Imperial Hybrids. New strain.....	1.00	8.50
*—Martins Superb Pink. The best pink.....	.90	7.50
—Mrs. Scott Elliotts' Hybrids. Mixed.....	1.00	8.50
—Nivea grandiflora. Pure white.....	.75	9.00
—Long spurred Hybrids. Mixed.....	.75	9.00
(R) Arabis alpina. Pure white.....	1.00	9.00
(R)—Nana compacta. Very dwarf; white.....	1.00	9.00
(R) Arenaria grandiflora. Pure white.....	1.00	9.00
(R)—Montana. White.....	1.00	9.00
(R)—Verna caespitosa. White.....	1.00	9.00
(R) Armeria Lauchena. Deep pink.....	1.25	10.00
*Artemisia Lactiflora. Cream-white.....	1.00	9.00
—Silver King. Silver stems, white flowers.....	1.00	9.00
—Stelleriana. Silvery foliage.....	1.00	9.00
*Asclepias Tuberosa. Orange-scarlet.....	1.00	8.50
*Aster Abendroethe. Rosy red.....	1.00	9.00
*—Beauty of Colwall. Double lavender.....	1.00	9.00
*Blue Gem. Blue.....	1.00	9.00
*—Climax. Lavender blue.....	1.00	9.00
*—Elta. Pale lilac.....	1.00	9.00
*—Feltham Blue. Aniline blue.....	1.00	9.00
*—Highland Morn. Delicate blue.....	1.00	9.00
*—Mons. Reddish violet.....	1.00	9.00
*—Novae Anglia Ypres. Rosy red.....	1.00	9.00
*Novae Anglia. Blue.....	1.00	9.00
*—Perry's Blue.....	1.00	9.00
*—Queen Mary. Dark blue.....	1.00	9.00
*—Sam Barnham. Pure white.....	1.00	9.00
*—St. Egwin. Beautiful light pink.....	1.00	9.00
*Tartaricus. Purple.....	1.00	9.00

DWARF ALPINE ASTERS

	Per 10	Per 100
Excellent for Rockeries		
Acris. Lavender pink.....	\$1.00	\$9.00
Alpinus magnificus. White.....	1.00	9.00
Mauve Cushion. Delicate mauve.....	1.00	9.00
Subcoeruleus. Bluish violet.....	1.00	9.00

	Per 10	Per 100
(R) Aubrietia Graeca. Violet.....	\$1.50	\$12.00
Boltonia Latisguama. Lavender pink.....	.90	7.50
*Buphtalmum Cordifolium. Orange yellow.....	1.00	9.00
(R) Calamintha Alpina. Blue.....	1.00	9.00
Campanula calycanthema. Blue.....	1.00	9.00
—Pink.....	1.00	9.00
—White.....	1.00	9.00
(R)—Carpatia Blue.....	1.00	9.00
(R)—White Star.....	1.00	9.00
—Medium Blue.....	.90	7.50
—Pink.....	.90	7.50
—White.....	.90	7.50
—Persicifolia coerulea.....	1.00	9.00

	Per 10	Per 100
Campanula—Continued.		
—Alba.....	\$1.00	\$ 9.00
—Rotundifolia.....	1.00	9.00
—Glomerata Superba.....	1.00	9.00
—Longistyla Parvifolia.....	1.00	9.00
*Carnations Grenadin Pink.....	.90	7.50
*—Red.....	.90	7.50
*—White.....	.90	7.50
*—White and Gold.....	.90	7.50
Centaurea montana. Violet blue.....	1.00	9.00
—Alba. White.....	1.00	9.00
—Macrocephala. Yellow.....	1.00	9.00
(R) Cerastium tomentosum. White.....	1.00	9.00
(R) Cerastium Biebersteini. Yellow.....	1.00	9.00
(R) Cheiranthus Allioni. Fiery orange.....	1.00	9.00
Chelone Barbatus Torreyi. Scarlet.....	.90	7.50
*Coreopsis Lanceolata Grandiflora. Yellow.....	.90	7.50
(R) Crucianella Stylosa. Bright purple.....	1.00	9.00
*Delphinium Belladonna. 1 year old.....	.90	7.50
*—2 year old.....	1.00	9.00
*—Bellamosum. 1 year old.....	.90	7.50
*—2 year old.....	1.00	9.00
*—Chinensis Blue.....	.90	7.50
*—White.....	.90	7.50
*—Blackmore & Langdon Hybrids. 1 year old.....	1.00	9.00
*—2 year old.....	1.25	10.00
*Dianthus Alwoodi Alpinus. New hybrid.....	1.25	10.00
—Her Majesty. Pure white.....	1.25	10.00
*—Atroccineus Fl. Pl. Scarlet.....	1.00	9.00
*—Plumarius Cyclops. Red hybrids.....	1.25	10.00
*—Mrs. Simkins. Pure white.....	1.25	10.00
*Dianthus Barbatus White Beauty.....	.90	7.50
*—Pink Beauty.....	.90	7.50
*—Scarlet Beauty.....	.90	7.50

Dielythra Spectabilis (Bleeding Heart; Dicentra). Heart shaped red flowers; excellent for forcing. \$3.00 per 10; per 100, \$25.00.

HARDY CHRYSANTHEMUMS

Extra fine plants from 2¼ in. pots

Adironda. Bronze.	Mrs. H. Harrison. Double pink.
Autumn Glow. Large crimson.	Mrs. J. Willis Martin. Strawberry color.
Champagne. Ruby red.	Nelma Putnam. Pinkish bronze, cream yellow center.
Elkton. Blush white.	Old Homestead. A buff pink.
Golden Queen. Large yellow.	Ouray. Dark scarlet, copper glow.
Indian. Coppery red.	Philadelphia. Deep rose.
L'Argentuillas. Bronze, tipped yellow.	Skibo. Bronzy yellow.
Lady Schmidt. Lilac rose.	Summer Gold. Yellow.
La Garonne. Coral red.	Uvalda. White.
Little Bob. Bronze button.	Winnetka. Pure white.
Little Dot. Rich mahogany crimson.	Yellow Normandie. Yellow bronze.
Mrs. Calvin Coolidge. Cardinal red.	Japanese Mountain. This new type includes all the striking colors. Very hardy.
Mrs. F. H. Bergen. Pale pink.	

Price of above Hardy Chrysanthemums, per 10, \$1.00; \$7.00 per 100; per 1000, \$60.00.

*CHRYSANTHEMUM MAXIMUM

(Shasta Daisy)

	Per 10	Per 100
Alaska. Extra large white.....	\$0.90	\$7.50
Glory of Wayside. Pure white.....	1.00	9.00
Koreanum. Large white; golden center.....	1.00	9.00
Leucanthemum Fl. Pl. Double white.....	1.00	9.00
Memorial. Large white; earliest.....	.90	7.50
Mrs. C. L. Bell. White.....	1.00	9.00
Suttons May Queen. White.....	1.00	9.00
Elder Daisy. The finest and earliest.....	.90	7.50

	Per 10	Per 100
<i>Dictamnus Fraxinella Alba</i> . White.....	\$1.50	\$12.00
— <i>Rubra</i> . Red.....	1.50	12.00
<i>Digitalis Giant Shirley</i> . Mixed.....	1.00	9.00
— <i>Lutzi Hybrids</i> . New; salmon red.....	1.25	10.00
— <i>Gloxinioides Alba</i> . White.....	1.00	9.00
— <i>Rubra</i> . Rose.....	1.00	9.00
— <i>Purpurea</i> . Purple.....	1.00	9.00
* <i>Doronicum Excelsum</i> . Yellow.....	1.50	12.00
* <i>Echinops Ritro</i> . Metallic blue, thistle-like flowers	1.25	10.00
(R) <i>Erigeron alpinus</i> . Purple.....	1.50	12.00
(R)— <i>Rosea</i> . Pink.....	1.50	12.00
* <i>Eupatorium Coelestinum</i> . Lavender.....	1.00	9.00
* <i>Euphorbia Corrollata</i> . White.....	1.00	9.00
<i>Funkia Lanceolata</i> . Lilac.....	1.25	10.00
— <i>Undula varieg. picta</i> . Variegated.....	1.50	12.00
— <i>Argentea</i> . Golden foliage.....	1.50	12.00
* <i>Gaillardia grandiflora</i> . Yellow.....	1.00	9.00
*— <i>Portola Hybrids</i> . Large flowered; mixed.....	1.00	9.00
*— <i>Le Mastodonte</i> . Yellow, red center.....	1.00	9.00
*— <i>Tangerine</i> . Tangerine-orange color.....	1.00	9.00
<i>Geum coccineum Mrs. Bradshaw</i> . Fiery red...	1.50	12.00
— <i>Lady Strathedon</i> . Golden yellow.....	1.50	12.00
— <i>Atrosanguineum</i> . Crimson.....	1.50	12.00

* <i>Gypsophila acutifolia</i> . Lilac rose.....	\$1.00	\$ 9.00
*— <i>Ehrli</i> . Pure white double.....	2.50	20.00
*— <i>Paniculata</i> . White.....	1.00	9.00
(R)— <i>Repens</i> . White and pink.....	1.00	9.00
*— <i>Bristol Fairy</i> . Double white.....	2.50	20.00

	Per 10	Per 100
* <i>Helenium Hoopesi</i> . Yellow.....	\$1.25	\$10.00
*— <i>Riverton Gem</i> . Old Gold.....	1.25	10.00
(R) <i>Helianthemum Buttercup</i> . Golden yellow..	1.00	9.00
(R)— <i>Fireball</i> . Red.....	1.00	9.00
(R) <i>Helianthemum Mutabile</i> . Rose, white and yellow.....	1.00	9.00
* <i>Heliopsis Lalvis</i> . Golden yellow; daisy like...	1.00	9.00
— <i>Pitcheriana</i> . Deep yellow.....	1.00	9.00
— <i>Scabra Zinniaflora</i> . Large yellow.....	1.00	9.00
<i>Hemerocallis Aurantiaca</i> . Bright orange.....	1.00	9.00
— <i>Kwanso Fl. Pl.</i> Double orange.....	1.00	9.00
— <i>Thunbergii</i> . Yellow.....	1.00	9.00
* <i>Heuchera Brizoides</i> . Pale pink.....	1.50	12.00
*— <i>Sanguinea Splendens</i> . Coral red.....	1.50	12.00
<i>Hibiscus Crimson Eye</i> . White, crimson throat...	1.00	9.00
— <i>Moscheutos Roseus</i> . Bright pink.....	1.00	9.00
— <i>Mallow Marvels</i> . Mixed.....	1.00	9.00
* <i>Hollyhock, New Lilac Beauty</i> . Double.....	1.00	9.00
*— <i>Double Yellow</i>	1.00	9.00
*— <i>Imperator</i> . New type, mixed.....	1.00	9.00
*— <i>Queen of Sheba</i> . Primrose, rosy reflex...	1.00	9.00
*— <i>White</i>	1.00	9.00
*— <i>Maroon</i>	1.00	9.00
*— <i>Newport Pink</i>	1.00	9.00
*— <i>Red</i>	1.00	9.00
*— <i>Mixed</i>	1.00	9.00
*— <i>Allegheny Mixed</i>	1.00	9.00
(R) <i>Iberis Gibraltarica</i> . Evergreen foliage.....	1.00	9.00
(R)— <i>Sempervirens</i> . White.....	1.00	9.00
* <i>Lathyrus Latifolius White Pearl</i>	1.00	9.00
*— <i>Pink Pearl</i>	1.00	9.00
*— <i>Red</i>	1.00	9.00
* <i>Lavendula Vera</i> . True sweet lavender.....	1.50	12.00
(R) <i>Leontopodium alpinum (Edelweiss)</i>	1.50	12.00
* <i>Liatris pycnostachia</i> . Rich purple.....	1.00	9.00
*— <i>Scariosa</i> . Purple.....	1.00	9.00
<i>Lobelia Cardinalis</i> . Fiery red.....	1.00	9.00
* <i>Lupinus Polyphyllus White</i>	1.50	12.00
*— <i>Roseus</i>	1.50	12.00
*— <i>Blue</i>	1.50	12.00
<i>Mertensia Virginica (Blue Bell)</i> . Bluish-purple...	1.00	9.00
<i>Monarda Dydimia Cambridge Scarlet (Oswego Tea)</i>	1.00	9.00
(R) <i>Myosotis Palustris Semperflorens</i> . Rich blue	1.00	9.00

IRIS GERMANICA (German Iris)

	Per 10	Per 100
<i>Alcazar</i> . Pale lilac standard, bronze throat.....	\$0.75	\$6.00
<i>Ambassadeur</i> . Reddish violet standards, falls deep yellow.....	1.50	12.00
<i>Candelabra</i> . Light mauve, blotched with violet...	.75	6.00
<i>Caprice</i> . Purple, heavily veined.....	.75	6.00
<i>Eldorado</i> . Fiery opalescent.....	.90	7.50
<i>Gold Imperial</i> . Yellow, self colored.....	1.75	15.00
<i>Imperator</i> . Clear violet.....	1.00	9.00
<i>Juniata</i> . Violet, orange beard.....	1.00	9.00
<i>L. A. Williamson</i> . Violet and royal purple.....	.90	7.50
<i>Lohengrin</i> . Rich silvery lilac.....	.75	6.00
<i>Lord of June</i> . Blue, marked gold.....	1.50	12.00
<i>Loreley</i> . Marine blue, bordered yellow.....	.90	7.50
<i>Mrs. H. Darwin</i> . Pure white.....	1.50	12.00
<i>Madam Chobaut</i> . Cream, shaded buff and pink..	.90	7.50
<i>Princess Victoria Louise</i> . Clear yellow.....	1.50	12.00
<i>Quaker Lady</i> . Lavender, shaded yellow.....	.90	7.50
<i>Queen Caterina</i> . Lavender violet, orange beard..	1.00	9.00
<i>Shekinah</i> . Pale yellow, lemon colored beard....	1.25	10.00
<i>Sherwin Wright</i> . Buttercup yellow.....	.90	7.50
<i>Souv. de Mad. Gaudicheau</i> . Velvety purple....	1.50	12.00

IRIS KAEMPFERI (Japan Iris)

	Per 10	Per 100
<i>Astarte</i> . Double, dark violet.....	\$1.25	\$10.00
<i>Gekka-No-Nomi</i> . White; very early.....	1.25	10.00
<i>Gold Bound</i> . Fine double pure white.....	1.25	10.00
<i>Hercule</i> . Double, clear lilac.....	1.25	10.00
<i>Iso-No-Nami</i> . Double blue, silvery veins.....	1.50	12.00
<i>Kagaribe</i> . Lavender with yellow spot.....	1.50	12.00
<i>Koko-No-Iro</i> . Purple and gold.....	1.50	12.00
<i>Kuma Fungin</i> . Purple, lighter stigmas.....	2.00	15.00
<i>Mahogany</i> . Purplish mahogany red.....	1.25	10.00
<i>Neptune</i> . Mahogany colored.....	1.50	12.00
<i>Patrocle</i> . Single, dark violet.....	1.25	10.00
<i>Prosperpine</i> . Single, rich blue on white.....	1.25	10.00
<i>Reine des Bulgares</i> . Deep blue, white veins....	1.50	12.00
<i>Ski-No-Roy</i> . Double blue and white.....	1.50	12.00
<i>Uchiu</i> . Cerulean blue, golden center.....	1.50	12.00
<i>William Tell</i> . Cream white with lilac.....	3.00	25.00
<i>Yezonishital</i> . Lavender red, shaded purple.....	2.00	15.00
(R) <i>Nepeta Mussini (Ground Ivy)</i> . Lavender....	1.25	10.00
(R) <i>Oenothera Missouriensis</i> . Yellow.....	1.25	10.00
(R) <i>Pachysandra Terminalis</i> . The best ground cover.....	1.25	10.00
<i>Papaver Bracteatum</i> . Blood red.....	1.50	12.00
— <i>Orientele</i> . Brilliant scarlet.....	1.50	12.00
— <i>Mrs. Perry</i> . Orange apricot.....	1.50	12.00
— <i>Nudicaule Orange</i>	1.50	12.00
— <i>White</i>	1.50	12.00
— <i>Yellow</i>	1.50	12.00
(R)— <i>Alpinum Red</i>	} Miniature Poppy with beautiful foliage. They are a novelty in any rock garden.....	1.50
(R)— <i>Rose</i>		1.50
(R)— <i>White</i>		1.50
(R)— <i>Yellow</i>		1.50

* <i>Pentstemon Coral Gem</i> . Coral pink.....	1.25	10.00
*— <i>Laevigatus</i> . Pure white.....	1.25	10.00
*— <i>Shell Pink</i>	1.25	10.00
*— <i>Campanulatus Purpureus</i> . Purple.....	1.25	10.00
*— <i>Ovatus</i> . Blue.....	1.25	10.00

MICHELL'S SELECT PAEONIES

A SELECT LIST OF THE BEST VARIETIES

The divisions of varieties listed are of 3 to 5 eyes from two-year-old clumps, with balanced roots, free from disease, and absolutely true to name.

	Price	
	Per 10	Per 100
Albatre. Pure white, carmine on center petals.	\$2.50	\$20.00
Alexander Dumas. Brilliant pink.	2.50	20.00
Baroness Schroeder. White with shadings of flesh	2.50	20.00
Chas. McKellipp. Rich crimson.	3.00	25.00
Chestine Gowdy. Silvery pink.	2.50	20.00
Duchess De Nemours. Pure white, sulphur white collar.	2.25	18.00
Elwood Pleas. Pink, true rose type.	3.50	30.00
Felix Crousse. Medium bright red.	2.50	20.00
Germaine Bigot. Excellent pink.	2.25	18.00
Karl Rosenfield. Pure rich crimson.	3.50	30.00
Madam Ducel. Pink, silvery reflex.	2.50	20.00
Madam Crousse. Soft salmon pink.	2.25	18.00
Marie Crousse. Salmon pink.	3.50	30.00
Marie Jacquin. Cup-shaped white flowers.	3.50	30.00
Milton Hill. Flesh color.	6.00	50.00
Mons. Du Pont. Ivory white, center carmine.	3.50	30.00
Mons. Jules Elie. Glossy lilac pink.	3.00	25.00
Mme. August Dessert. Violet rose, center carmine	4.00	35.00
Pres. Roosevelt. Deep, rich brilliant red.	3.50	30.00
Primevere. Sulphur white, deep sulphur yellow center.	4.00	35.00
Red Dragon. Brilliant crimson.	9.00	75.00
Sarah Bernhardt. Apple blossom pink.	4.50	40.00
Therese. Rich satiny pink.	6.00	50.00
Umbellata Rosea. Pink.	2.50	20.00

HARDY PHLOX (Phlox decussata)

	Per 10 Per 100	
Africa. New. Brilliant carmine red.	\$1.25	\$10.00
Athis. Clear salmon.	1.00	9.00
Baron v. Dedem. Blood red.	1.25	10.00
Baur's Pink. Brilliant deep pink.	1.00	9.00
Beacon. Brilliant cherry red.	1.00	9.00
B. Compte. Amaranth.	1.00	9.00
Brilliant. New deep rose.	1.25	10.00
Commander. New. Crimson red.	1.25	10.00
Deutschland. Brilliant red.	1.25	10.00
Diplomat. Pure white.	1.25	10.00
Electra. Brilliant red.	1.25	10.00
Ethel Pritchard. Mauve.	1.25	10.00
Firebrand. Brilliant orange scarlet.	1.00	9.00
Jules Sandeau. Pink.	1.25	10.00
Miss Lingard. Pearly white.	1.00	9.00
Mme. P. Dutrie. Soft pink.	1.00	9.00
M. French. New. Vermillion.	1.00	9.00
Pantheon. The peerless pink.	1.00	9.00
Rheinlander. Salmon-pink with claret eye.	1.00	9.00
Ruby. Ruby red.	1.25	10.00
R. P. Struthers. Rosy carmine, shaded orange.	1.00	9.00
Sir Edwin Landseer. Bright crimson.	1.00	9.00
Special French. Glowing pink.	1.00	9.00
Von Lassburg. Pure white.	1.00	9.00
William Kesserling. Dark violet.	1.25	10.00

PHLOX SUBULATA (Moss Pinks)

Most valuable for the rockery, the border and for carpeting.

	Per 10 Per 100	
Amoena. Pink.	\$1.00	9.00
Alba. Pure white.	1.00	9.00
Lilacina. Light lilac.	1.00	9.00
Rosea. Rose pink.	1.00	9.00
Vivid. Bright pink, fiery red eye.	1.50	12.00
G. F. Wilson. Lavender.	1.50	12.00
Divaricata Canadensis.	1.25	10.00

	Per 10 Per 100	
*Physalis Francheti (<i>Chinese Lantern Plant</i>).	\$1.00	\$9.00
*Physostegia Virginiana. Purplish red and pink.	1.00	9.00
*—Alba. Pure white.	1.00	9.00
*—Gigantea. Dwarf pink.	1.00	9.00
*—Virginica Vivid. Deep pink.	1.00	9.00
(R) Platycodon Grandiflorum. Blue.	1.00	9.00
(R)—Alba. White.	1.00	9.00
(R)—Mariesi Alba. Dwarf white.	1.00	9.00
(R) Plumbago Larpentae. Deep blue.	1.25	10.00
(R) Primula Veris (<i>Cowslip</i>). Yellow.	1.25	10.00
Primula Denticulata. Lilac.	1.25	10.00
—Vulgaris Elatior. Mixed.	1.25	10.00
*Pyrethrum Atrosanguineum. Dark crimson.	1.25	10.00
*—Roseum Hybridum. Shades of pink and red.	1.25	10.00
*Ranunculus Acris Fl. Pl. Golden yellow.	1.25	10.00
*Rudbeckia Newmanni. Orange, purple cone.	1.00	9.00
Rudbeckia Laciniata. Yellow.	1.00	9.00
—Purpurea. Purple.	1.00	9.00
Salvia Azurea Grandiflora. Sky-blue.	1.00	9.00
*Scabiosa Caucasica. Lavender.	1.25	10.00
—Isaac House Hybrids.	1.25	10.00
(R) Sedum Acre (<i>Mossy Stone Crop</i>).	1.00	9.00
—Albun. Foliage green, flowers white.	1.00	9.00
—Kamschaticum. Orange stone crop.	1.00	9.00
—Sarmentosum. Forms soft carpet; yellow.	1.00	9.00
—Spectabile. Rose.	1.00	9.00
—Brilliant. Bright red.	1.00	9.00
—Stahlil. Crimson foliage.	1.00	9.00
Sidalcea Rosy Gem. Bright rose.	1.00	9.00
Spiraea Filipendula. White.	1.00	9.00
*Stokesia Cyanea (<i>Blue Cornflower Aster</i>).	1.25	10.00
*—Alba. White.	1.25	10.00
*Statice Latifolia (<i>Sea Lavender</i>). Blue.	1.25	10.00
*Thalictrum Aquilegiaefolium. White.	1.25	10.00
*—Adiantifolium. Yellow.	1.25	10.00
*—Delavayii. Purple stems and flowers.	1.25	10.00
(R) Thymus Albus. Pure white.	1.25	10.00
(R)—Coccineus. Bright red.	1.25	10.00
Trillium Erectum. Purple.	1.25	10.00
—Grandiflorum. White.	1.25	10.00
Tritoma Pfitzeri (<i>Red Hot Poker</i>).	1.25	10.00
Trollius Europaeus (<i>Globe Flower</i>). Yellow.	2.50	20.00
(R) Tunica Saxifraga. Pink.	1.25	10.00
*Valeriana Coccinea. Old rose.	1.00	9.00
*—Alba. White.	1.00	9.00
*—Officinalis. Rose, tinted white.	1.00	9.00
(R) Veronica Amethystina. Amethyst blue.	1.25	10.00
(R)—Elegans. Pink.	1.25	10.00
*—Longifolia Subsessilis. Deep blue.	1.25	10.00
(R)—Rupestris. Blue.	1.25	10.00
(R)—Nana. Prostrate; blue.	1.25	10.00
(R)—Teucrium Royal Blue. Gentian blue.	1.25	10.00
(R)—Rupestris Rosea. Pink.	1.25	10.00
(R)—Trehanii. Yellow foliage; blue flowers	1.25	10.00
Yucca Glauca (<i>Spanish Bayonet</i>). Blue foliage.	1.50	12.00
—Filamentosa. Green foliage.	1.50	12.00
—Variegata. Variegated green and yellow.	1.50	12.00

VIOLA (Tufted Pansy)

	Price	
	Per 10	Per 100
Admiration. Rosy purple.	\$1.00	\$9.00
Apricot. Apricot yellow.	1.00	9.00
Bosniacea. Reddish violet.	1.00	9.00
Blue Perfection. Deep blue.	1.00	9.00
Jersey Gem. Pure, rich violet.	1.00	9.00
Lord Nelson. Rich purple.	1.00	9.00
White Perfection. White.	1.00	9.00

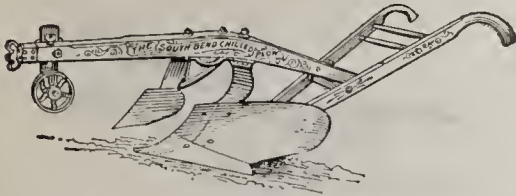
VIOLET (Sweet Scented)

	Price	
	Per 10	Per 100
Frey's Fragrant. Very sweet.	1.25	10.00
Farquhar. The best dark mauve.	1.25	10.00
Gov. Herrick. Deep purple.	1.25	10.00
Prince of Wales. The best for florists.	1.00	9.00

Testimonial

Miami, Fl., Nov. 4th, 1932.
The plants shipped to us reached us in perfect condition.
Thanks for your splendid service.

M. B. Nurseries.



SOUTH BEND PLOWS

This plow has been one of the favorites in the section of Philadelphia for many years. It is neatly and substantially made and gives splendid satisfaction.

No. 1B. For one horse; wood beam.. \$10.50

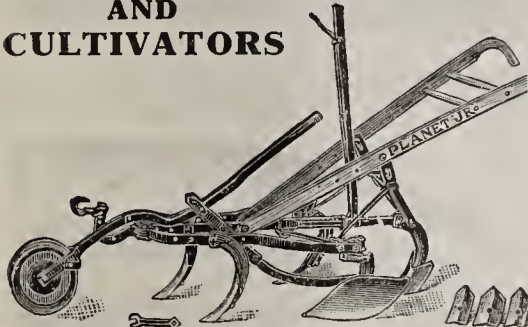
No. 2F. For one heavy horse or two light horses; wood beam.. 13.25

No. 3F. Two-horse; wood beam... 17.00

The prices above are for plain plows with clevis only. Jointers and wheels can be supplied for No. 3 at the following additional cost; wheel only, \$1.75; jointer only, \$3.50. Nos. 1 and 2 are too light for jointer and wheel.

Shares for S. B. Plows. No. 1, 50c. each; No. 2, 55c. each; No. 3, 65c. each.

PLANET JR. HORSE HOES AND CULTIVATORS



No. 8 Planet Jr. Horse Hoe

Planet Jr. Implements are in great demand by the market garden industry everywhere. While we list here only a few popular styles, we are prepared to furnish the complete line, also riding cultivators.

No. 8. Horse Hoe and Cultivator \$14.70

No. 90. 12-tooth Harrow, with Wheel and Pulverizer... 15.50

No. 90B. Without pulverizer..... 12.75

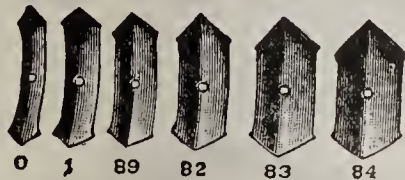
No. 90D. Without pulverizer and wheel..... 10.00

No. 101. Cultivator with wheel..... 9.90

No. 101D. Without wheel..... 8.30

No. 83. 7-tooth Cultivator with wheel..... 12.75

No. 83D. Without wheel..... 11.00



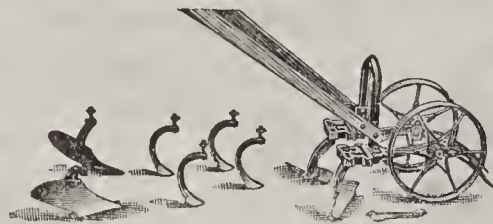
HORSE CULTIVATOR TEETH (All 8 inches long)

Width	Each
1 1/4 inch.....	\$0.16
1 3/4 inch.....	.17
2 1/4 inch.....	.18
3 inch.....	.20
4 inch.....	.25

Bolts for Teeth, 4c. each; per doz., 40c.

PLANET JR. "STAR" PULVERIZER

A dandy implement for destroying weeds, pulverizing the soil, etc.; width of cut 7 1/2 inches; \$2.85 each.



PLANET JR. WHEEL HOES

No. 12. Double wheel (see cut)... \$10.25

No. 13. Double wheel..... 7.60

No. 11. Double wheel..... 13.00

No. 16. Single wheel..... 8.50

No. 17. Single wheel..... 7.35

No. 17 1/2. Single wheel..... 6.40

No. 18. Single wheel..... 5.50

No. 119. Plow and Cultivator Combined..... 4.25

PLANET JR. WHEEL HOE PARTS

Side Hoes, per pair, 4 1/2-inch, \$1.20;

6-inch, \$1.30; 7 1/2-inch..... \$1.50

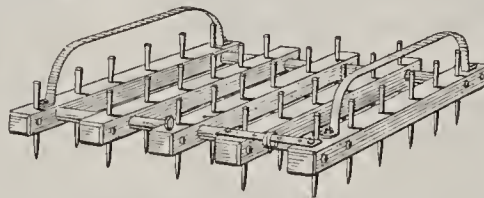
Side Plows, per pair..... 1.40

Cultivator Teeth, each..... .35

Peat Land Hoes, per pair..... 1.75

GEM WHEEL HOES

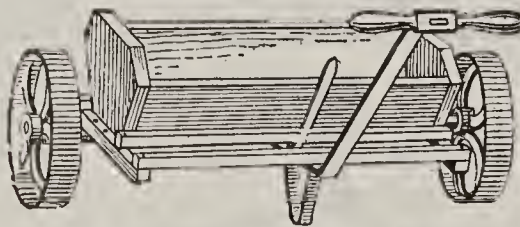
Single Wheel. Of garden tools this is the most popular, being low in price and complete in detail; suited for most any work in a garden. It weeds, hoes, hills and harrows. Price, \$7.50.



GARDENER'S SPIKE TOOTH HARROW

Though old-fashioned in appearance and construction, this harrow is still preferred by many; fitted with runners, upon which it may be turned to take it from place to place.

24 teeth..... \$11.50 | 32 teeth..... \$12.50



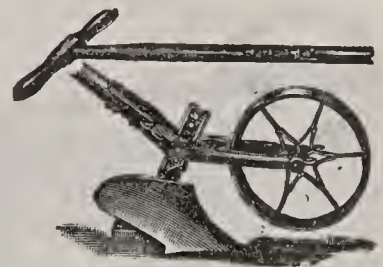
THE STEVENS' FERTILIZER DISTRIBUTOR

Hand Machine. For distributing bone meal, wood ashes and other commercial fertilizers on field, lawns, etc. Insures perfect and even distribution, requiring less time than by the hand process. Machine holds about 1 3/4 bushels. Covering area, 3 feet wide. Price, \$21.00.

Horse Machine. This style is suitable for use on large lawns, fields and golf grounds. It has a device for regulating the quantity to be sown. It is furnished equipped for either one or two horses as may be desired.

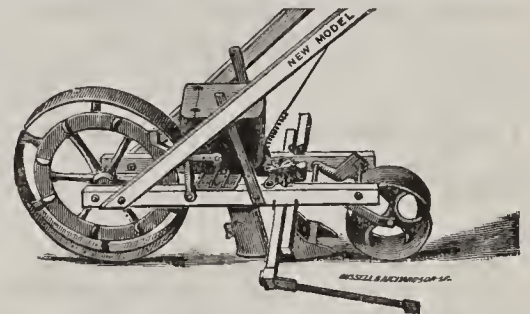
5 foot, 10-inch spreading area..... \$65.00

8 foot, 3-inch spreading area..... 70.00



FIRE-FLY GARDEN PLOW

Exceedingly useful to every owner of a garden. It throws furrows various widths; very desirable for plowing up gardens for new crops, after general plowing in spring. Price, \$4.00.



MODEL SEED DRILL

Designed as a drill seeder only; depth of sowing can be regulated to any desired distance; has a large capacity for seeds. Price, \$13.75.

ADVANCE DRILL

A first-class machine for drilling of peas, beans, corn and fertilizers. Has a shut-off to prevent the escape of fertilizer when wheeling around end of row. Price, \$17.00.



SEED DRILLS—Planet Jr.

No. 4D. Plain..... \$13.50

No. 4. Combined..... 16.75

No. 3. Plain only..... 16.50

No. 25. Combined..... 21.00

No. 300. Plain only..... 18.75

VIGORO SPREADER

For the application of fertilizers in flower beds and vegetable gardens before seeds are sown or plants set out and to sow grass seeds, top dress lawns, etc.

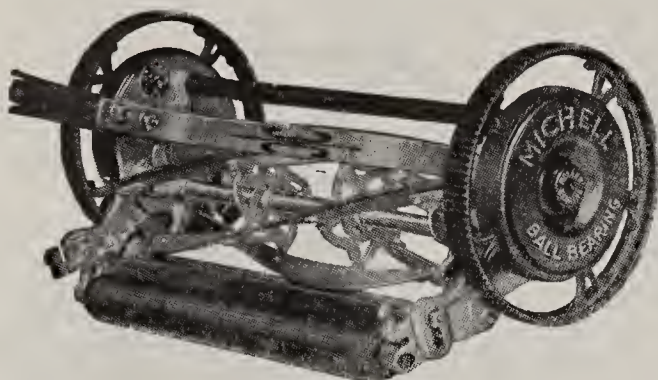
New Model. 14-in. spreading area, capacity, 13 lbs., \$2.25.

Junior. 16 in. spreading area, capacity, 30 lbs., \$5.00.

Standard. 24-in. spreading area, capacity, 65 lbs., \$9.50.

Special. 36-in. spreading area, capacity, 125 lbs., \$15.00.





Michell BB High Wheel Lawn Mower

MICHELL'S IMPROVED HIGH WHEEL BALL BEARING

5-blade cylinder
15-inch.....\$15.20 | 19-inch.....\$19.50
17-inch.....17.10 | 21-inch.....21.40

CONTINENTAL LAWN MOWERS

High wheel, 10½-inch diameter
15 inch.....\$22.35 | 17 inch.....\$25.20
19 inch.....\$28.50

PENNA. JR. BALL BEARING

8 inch or low wheel; 5 blade cylinder;
5½ inch diameter.
12-inch.....\$14.75 | 16-inch.....\$20.45
14-inch.....17.60 | 18-inch.....22.80

10-inch or high wheel, 5-blade cylinder,
6-inch diameter.
15 inch.....\$22.35 | 19 inch.....\$28.50
17 inch.....25.20 | 21 inch.....31.35

We can also supply the Penna. Standard
high wheel in same sizes and prices as above.

PENNA. NEW ARISTOCRAT

High wheel; 7-blade cylinder.
19 inch.....\$38.00

BEN FRANKLIN BALL BEARING

8 inch wheels; 4 blade cylinder
12 inch.....\$5.00 | 14 inch.....\$5.50

PENNA. PUTTING GREENS

Super Roller Mower Type
18 inch.....\$49.50

SUPER GREAT AMERICAN BALL BEARING

High Wheel, 5 blade cylinder
15 inch.....\$17.10 | 19 inch.....\$22.80
17 inch.....20.45 | 21 inch.....25.20

WM. PENN BALL BEARING

10 inch wheel, 5 blade cylinder
17 inch.....\$14.75

MICHELL'S EVERGREEN BALL BEARING

10 inch wheel, 4 blade cylinder
16 inch.....\$7.50

ORCHID BALL BEARING

10 inch wheel
17 inch, 5-blade cylinder.....\$9.00
17-inch, 7-blade cylinder.....12.25

DELTA BALL BEARING

8-inch wheel, 4-blade cylinder
11-inch.....\$7.60 | 15-inch.....\$9.50
13-inch.....8.55 | 17-inch.....10.45

INVADER BALL BEARING

10-inch wheels, 4-blade cylinder
16-inch.....\$4.75

LAWN TRIMMERS

For cutting around walks,
drives, flower beds and borders.

Penna. Combined trimmer
and edger.....\$ 8.50

Penna. Undercut style;
ball-bearing.....10.00

Capitol.....10.00

GRASS CATCHERS

Braun's Make

For the Pennsylvania, Continen-
tal, Great American Ball-Bearing
and Michell Mowers.

11-12-inch....\$2.65 | 17-18-inch....\$3.35
13-14-inch....2.85 | 19-inch.....3.60
15-16-inch....3.10 | 21-inch.....3.80

Catchers for Penna. Golf and Putting
Greens mowers, all sizes, 14- to 21-inch,
\$7.60 each.

SIMPLICITY GRASS CATCHER

Made of sheet iron bottom and canvas
sides; will fit any make of mower.

No. G, 10-, 12- to 16-inch size, \$1.00 each.
No. G, 12-, 18- to 22-inch size, \$1.25 each.

HORSE LAWN MOWERS

Penna. Fairway, 30-inch, 5 blades, without
seat and shafts, \$142.50.

Penna. Grand Horse Mower

30-inch, with draft irons only.....\$125.00
30-inch, with seat and shafts.....150.00
38-inch, with draft irons only.....175.00
38-inch, with seat and shafts.....205.00

MOTOR MOWERS

Coldwell, Twin 30—30-inch cut....\$405.00

Grass Box.....15.00

Coldwell, L Twin, 25-inch cut....340.00

Grass Box.....12.00

Coldwell, L Twin, with gang units,
60-inch cut.....415.00

Coldwell, L Junior, 25-inch cut....280.00

Grass Box.....12.00

Coldwell Cub—21-inch cut.....200.00

Grass Box.....10.00

(F. o. b. Phila., Pa.)

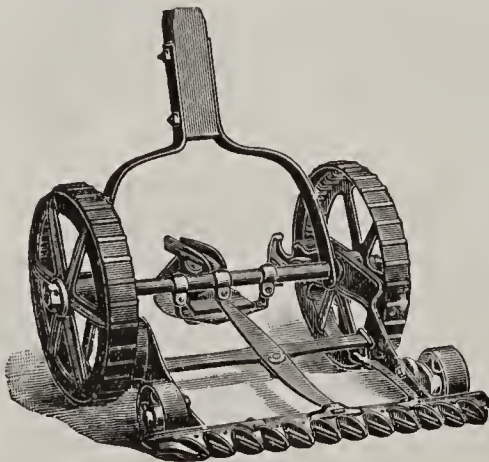
Heavy Duty Four Acre, 24-inch cut 290.00

Grass Catcher, \$9.00 extra

Ideal, 30-inch cut.....365.00

Ideal, 22-inch cut.....275.00

Riding sulky for 30-in. Ideal Mowers 20.00



CLIPPER LAWN MOWER

15-inch.....\$12.00 | 18-inch.....\$13.00

LAWN MOWER OIL (Best Quality)

25c. per pint; quart, 35c.; gallon, \$1.00.

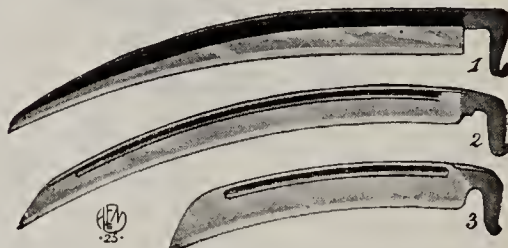


GRASS SHEARS

No.	Each
263—6-in. American.....	\$0.45
012—6-in. American.....	1.00
114—7-in. English, trowelshank handle	2.35
113—7-in. English, straight handle...	1.90
0267—5½-in. American.....	.80
0267—7-in. American.....	.90
23—Michell's. Built like hair cutters	.65



No. 10. Goodwin, ball bearing, 4¾ in. \$1.50
No. 20. Goodwin, plain bearing, 4 in. 1.10



Key to illustrations; No. 1, English; No. 2,
American; No. 3, Little Giant Brush.

SCYTHES

	Each	Doz.
English, 32-inch, rivet back.....	\$2.50	
English, 34-inch, rivet back.....	2.75	
English, 36-inch, rivet back.....	3.00	
American, Little Giant, 32-inch.....	1.75	
American, Little Giant, 34-inch.....	1.75	
American, Little Giant, 36-inch.....	1.75	
Brush or Briar, Little Giant.....	1.90	
Snathes for Scythes.....	1.50	

SHARPENING STONES

	Each	Doz.
Sir Pike (Talacre Style).....	\$0.25	\$2.75
Darby Creek.....	.20	2.25
Carborundum.....	.30	3.25
Carborundum File.....	.80	
Carborundum Rifle.....	.20	



English Sickle

SICKLES OR GRASS HOOKS

	Each	Doz.
English Rivet Back, No. 2....	\$0.85	\$10.00
English Rivet Back, No. 3....	.90	10.50
English Solid Back, No. 2....	.55	6.50
Little Giant, American.....	.55	6.50
Dutch or German No. 2.....	.45	5.00



KEYSTONE WATER BALLAST ROLLERS

Fill with water which will weigh it up to any number of pounds desired, as shown below. Equipped with a device for keeping handles stationary.

No.	Sec- tions	Diam. In.	Length In.	Weight Empty	Weight filled with Water	Price
601	1	14	24	60	250	\$13.50
602	1	18	24	85	330	14.00
603	1	24	24	100	440	17.00
604	1	24	32	135	590	18.00

Prices on Iron Horse Rollers on application.

PUTTING GREEN ROLLER

Cast steel, 4 ft. long, 10-inch diameter, 4 sections, weight, 160 lbs. Price, \$23.00.

KEYSTONE HAND LAWN ROLLERS

Drums are equipped with five spokes; the face is ground smooth and carefully finished. The steel roller bearings are mechanically constructed making the roller operate so easily a child can handle it. The handle is made of steel and hard wood; it is equipped with a balance weight, so that it is always in an upright position. The drum or roller part has a bevel edge so that it cannot tear up the lawn or ground when being turned.

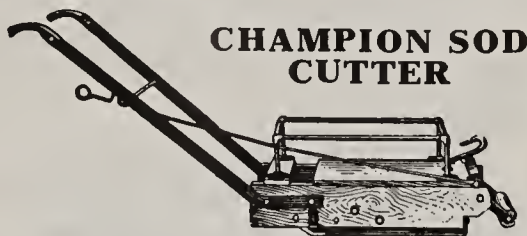
No.	Diam. In.	Length In.	No. of Sects.	Weight Lbs.	Price
501	15	15	2	175	\$16.50
502	15	22	3	250	19.00
504	20	20	2	250	21.00
507	20	24	2	300	25.00
508	20	30	3	350	29.00
509	24	20	2	400	34.00
511	24	24	3	450	36.00
512	24	30	3	500	41.00
514	28	24	3	500	41.00

MICHELL'S SPIKE TOOTH ROLLERS

Easily manipulated by one man; is three feet wide, made in three sections, and is ten inches in diameter, made of rock maple, each section banded on both ends with steel; the rollers are closely studded with steel spikes. Price, \$45.00.

SOD TAMPER

When laying sod it is necessary to properly firm it down, so that it will take new root quickly. It is also convenient for firming the soil or lawn on places where a roller cannot be used; made of iron with wood handle; 12 inches square; weight, 26 lbs., Price, \$3.25.



CHAMPION SOD CUTTER

The best and most satisfactory machine on the market. Sod cutters are now used extensively where any great amount of cutting is to be done; work can be accomplished better with this machine; you can cut as much in one hour as two men all day. Price, \$40.00.

Extra Knives for Sod Cutters.....\$9.50

SOD PERFORATOR

A convenient implement for use in loosening soil in places where sod is worn out preparatory to sowing grass seed. Price, \$4.75.



COMPOUND EXTENSION LADDERS

These are made in the best manner possible; are complete, being equipped with the necessary rope and pulleys.

	Per ft.		Per ft.
20 ft.....	\$0.55	30 ft.....	\$0.55
22 ft.....	.55	32 ft.....	.55
24 ft.....	.55	34 ft.....	.60
26 ft.....	.55	36 ft.....	.60
28 ft.....	.55	38 ft.....	.60
40 ft.....			\$0.60

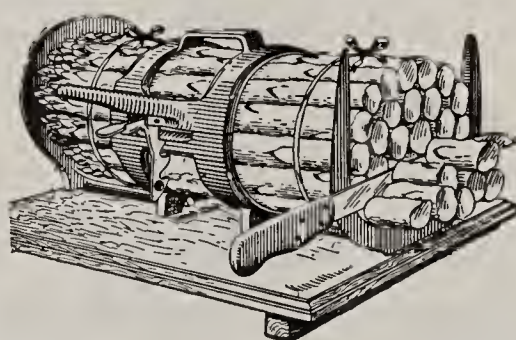
SINGLE PLANK LADDERS

Made of good, hard wood, free from faulty knots and with perfect rounds.

8 ft.....	\$2.80	16 ft.....	\$5.60
10 ft.....	3.50	18 ft.....	8.10
12 ft.....	4.20	20 ft.....	9.00
14 ft.....	4.90	22 ft.....	9.90

STEP LADDERS

Columbia. Up to 8 step, 35c. per step.
10 step, 40c. per step.
12 step, 45c. per step.



ASPARAGUS BUNCHERS

Even where one has a limited amount of asparagus to market it pays to use a buncher. It is quickly tied and looks uniform.

Buncher, with Knife Guard, \$3.50 (by parcel post, \$3.70).

ASPARAGUS TAPE

Red, in 1000 yard spools, \$2.75 (by P. P., \$2.90).

Green, in 1000 yard spools, \$2.25 (by P. P., \$2.40).



ASPARAGUS KNIVES

No.	1.	(Top illus.)	By P.P.
No. 1.			\$0.35
No. 3.		(Center illus.)	.40
No. 2311.		(Lower illus.)	.35



Single

GARDEN REELS

Small, Single, \$1.15 (by P. P., \$1.25).

Medium, Single, \$1.90 (by P. P., \$2.10).

GARDEN LINE

Best quality white cotton braided.
100 ft. hanks, 90c. (by parcel post, \$1.00).
Plow Line Cotton, 45-foot hanks, 50c. (by parcel post, 60c.).

WHEELBARROWS

MICHELL'S GREENHOUSE

This is a very narrow barrow, designed for use in aisles of a greenhouse. Box measures inside 14 ins. in front, 17 ins. in back, and 12 inches deep. Handles, 4 feet 8 inches long. Spread of handles at hand hold 20 inches, which is extreme width of barrow. Furnished in 18-inch diameter wheel, nicely painted and striped. Price, \$9.00.



Greenhouse Wheelbarrow

	No.	Tire In.	Length In.	Depth In.	Width In.	Price
Great American.....	1	2¾	30	12	25	\$8.50
Great American.....	2	2¾	28	12	24	7.50
Great American.....	3	2¾	26	12	22	7.00
Great American (Boys').....	4	1¾	22	9	18	5.25
Canal. Side dump (bolted).....						4.75

**STEEL GARDEN RAKES**

Made of the best cast steel.

No.	No.
12—12 tooth..\$0.85	16—16 tooth..\$0.95
14—14 tooth.. .90	18—18 tooth.. 1.00
Michell's Excelsior. 16 tooth.....	.70

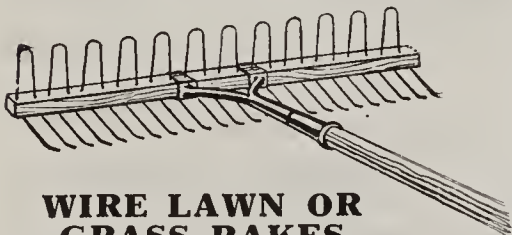
STEEL GRAVEL RAKES

These rakes are used for road-making and for paths. Having very short teeth they do not gather up stones or gravel.

G14—14 tooth.\$1.05 | G16—16 tooth.\$1.15

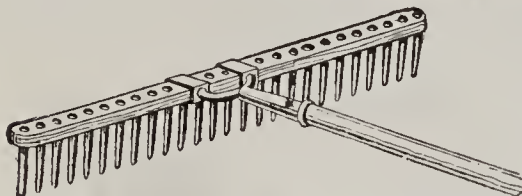
STEEL BOW RAKES

The teeth are slightly bent.

B12—12 tooth.\$1.00 | B14—14 tooth.\$1.05
No. B16—16 tooth..\$1.15**WIRE LAWN OR GRASS RAKES**

Made of heavy tinned steel wire.

124R—24 tooth\$0.70 | 36LR—36 tooth\$1.20

**OLE OLSEN LAWN RAKE**

Made of the best hard wood; well braced. 26 tooth, hickory wood. Price, 90c.

AUTOMATIC LAWN RAKE

Self cleaning.

26 tooth, wood.\$1.40 | 25 tooth, wire.\$1.00

WOODEN RAKES

Ames, 37X, 28 tooth, steel bows; for lawns.....\$1.10

Ames, 14 tooth, wood bow; for hay.... .70

Wire Braced. 20 tooth, lawn..... .60



Improved Metal Grip Rake

JAPANESE BROOM RAKE

Made of split bamboo; cleans the lawn or grass plot as completely as though swept with a broom.

18-inch, with bamboo handle.....\$0.45

18-inch, with hardwood handle..... .65

24-inch size, with hardwood handle.... .90

30-inch size, with hardwood handle.... 1.40

STEEL BRUME RAKE

Spring steel teeth; will remove the smallest leaves and litter. Price, 75c. each.

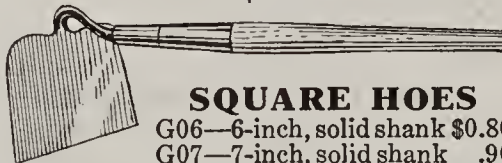
MARKING RAKE

These are for marking out garden rows; adjustable brass teeth which are set for any width row desired up to 4½ feet. Price, \$6.00. (Extra teeth, 65c. each.)

**HALF MOON HOES**

Best steel solid sockets, which will not pull out.

HM4—4-inch..\$0.85	HM6—6-inch..\$0.95
HM5—5-inch.. .95	HM7—7-inch.. .95
	HM8—8-inch.. 1.00

**SQUARE HOES**

G06—6-inch, solid shank\$0.80

G07—7-inch, solid shank .90

G08—8-inch, solid shank .95

No. 10—10-inch for celery..... 1.25

Michell's Special, 6-inch, solid shank.. .40

WARREN HOES (Heart Shaped)

W7—7-inch.....\$1.00

W8—8-inch..... 1.15

BABY WARREN HOE

No. BW4½. Short handle.....\$0.45

TWO-PRONG ONION HOE

No. 2P.....\$0.40

**FOX SHOVEL SHOVELS**

We handle only the very best makes of steel shovels. Every one guaranteed.

Short Handle	Each
Fox, round point.....	\$1.50
Fox, square point.....	1.50
Conneaut, round point.....	1.75
Conneaut, square point.....	1.75
Empire, round point.....	1.10
Empire, square point.....	1.10

Long Handle	Each
Fox, round point.....	\$1.50
Fox, square point.....	1.50
Conneaut, round point.....	1.75
Conneaut, square point.....	1.75
Empire, round point.....	1.10
Empire, square point.....	1.10

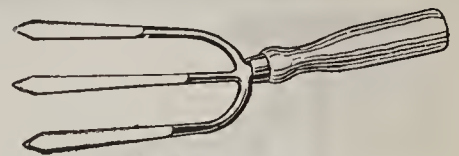
**STEEL SPADES**

Fox, short handle.....	\$1.50
Fox, Ladies polished.....	1.25
Conneaut, short handle.....	1.75
Nursery (Bull Dog), short handle.....	2.25
Nursery. Conneaut's Special.....	2.50
Empire, short handle.....	1.10
Boys' (Pfeiffer's).....	1.10

**SPADING FORKS**

Strapped shanks; short or D-wood handle. Made of best quality steel.

No. 04HW. Men's 4-tine.....	\$1.50
No. 05HW. Men's 5-tine.....	1.90
No. B4D. Boys' or Ladies' 4-tine....	.80
No. ED4. English, 4-tine.....	2.25
Michell's Special, 4-tine.....	.90

**WEEDERS**

Eureka Weeding Fork (see cut above), short handle, 40c. each (by parcel post, 50c.); doz., \$4.50; long handle, 60c. each.

Eureka Weeder, short handle, 45c. each (by parcel post, 55c.); doz., \$4.50; long handle, 65c. each.

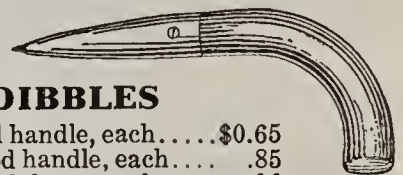
Magic Weeder, small, No. A, 18c. each (by parcel post, 25c.); per doz., \$2.00; No. B, medium, 20c. each; doz., \$2.25; No. F, medium, 65c. each; No. H. large, \$1.10 each.

Excelsior Weeder. 12c. each (by parcel post, 20c.); doz., \$1.10.

Excelsior Weeding Fork. 10c. each (by parcel post, 15c.); doz., \$1.10.

No. 1, 3 W Steel Weeder, 50c. (by parcel post, 60c.).

Hazeltine Weeder. 25c. each (by parcel post, 35c.); doz., \$2.75.

**DIBBLES**

Iron, wood handle, each.....\$0.65

Brass, wood handle, each.... .85

If wanted by parcel post, add 10c. each for postage.

**JOHNSON TROWEL, No. 211**

These are made of one-piece steel blade and shank; equal to the imported trowels.

5-inch.....\$0.60 | 6-inch.....\$0.65

7-inch.....\$0.70

No. D. S. T. STEEL SHANK TROWEL

Many prefer these as they are somewhat longer in blade and handle, making a very practical tool. 70c. each; doz., \$8.00.

CLEVES ANGLE TROWEL

For getting dandelion, plantain and other weeds out of the lawn, etc.

5-inch, 15c. | 6-inch, 20c. | 7-inch, 25c.

**ENGLISH BULB TROWEL**

Heart-shaped blade, 4¼ inches wide, for planting out bulbs, etc. Price, 90c.

TRANSPLANTING TROWEL

No. 217A. Steel shank and blade, 65c. each.

NEVERBREAK TROWEL

No. 0. 6-in. heavy steel. Each, 12c.; \$1.25 per doz.; per gross, \$11.00.

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please add additional postage.

SIEVES (Any size mesh)

Made extra well, of galvanized wire and hardwood. Round shape.

18-inch Steel (extra heavy).....\$1.50
18-inch Galvanized Wire..... 1.50

LARGE UPRIGHT SIEVE

For soil, gravel, sand, etc. Made in any size mesh, of extra heavy grade foundry wire. \$16.00.



Plain Corn Rattan Push Jap. Fibre

Each
No. 230. Japanese Fibre.....\$0.90
No. 8. Corn and Rattan mixed... .70
Golf Greens (Birch) (Doz., \$2.75)..... .25
No. 7. Plain Corn, extra quality... .70

ROAD BRUSHES

(With Handles)

No. 271. Rattan Push, 14-in.\$0.90
No. 1414. Bass or Cocoa Push, 14-in. .90



TREE SCRAPER

For removing loose bark from trees prior to spraying. Steel blade may be detached and sharpened. No. 5, short handle, 50c. (by P. P., 60c.); No. 1, 2-foot handle, \$1.15.

SOIL PULVERIZER

The machines are equipped with a hopper and a roller, the latter being spiked. It is turned by means of a handle and crushes the soil perfectly, avoiding necessity to sift.

No.	Length	Width	Height	Price
1	25 in.	20 in.	40 in.	\$21.00
2	46 in.	20 in.	40 in.	30.00
3	46 in.	20 in.	40 in.	42.00

The rolls are 6 inches in diameter; the No. 3 size has an extra roll.

HELLIGE SOIL TESTER

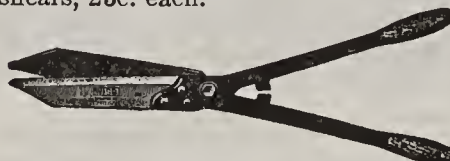
This is especially intended for use by farmers, gardeners and flower growers, for the correct determination of the soil reaction and will be found very useful as a range finder in the laboratory and handy to carry in the pocket on excursions or field trips; a special solution "Hellige Soil Indicator" is supplied with the outfit and covers the very acid to strongly alkaline range. Price, \$2.50, with Hellige Soil Handbook, \$3.25.



HEDGE SHEARS

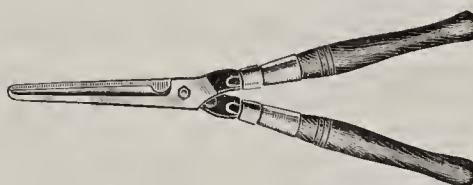
No.	Disston	English
300 6-inch.....	\$1.35	
30 8-inch.....	2.25	\$2.90
30 9-inch.....	2.50	3.10
30 10-inch.....	2.75	3.60
101A 12-inch.....		4.25

Lock Bolts, Nuts and Washers for hedge shears, 25c. each.



WISS HEDGE SHEARS

Blades of high carbon steel; handles, drop forged steel, with wood grip handles.
6½-inch.....\$1.85
7½-inch..... 2.00
8 -inch..... 2.25
9 -inch..... 2.75
10 -inch..... 3.00

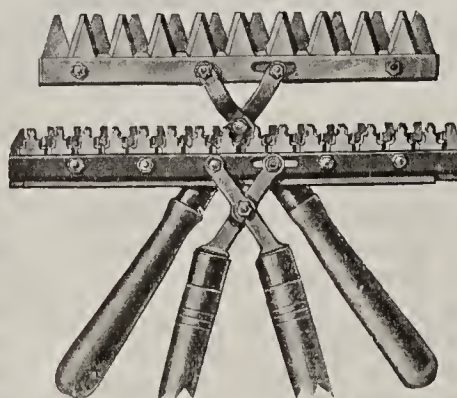


CLYDE HEDGE SHEARS

No. 5430. Drop forged solid tool steel blades, notched, full polished; handles made of ash, 12-in. long; blades, 9 in. Price, \$1.90.
No. 5435. Especially for ladies use. Drop forged solid tool steel blades, handles made of black walnut, 9 in. long; blades 6 in. Price, \$1.35.
If shears are wanted by parcel post, add 20c. each for postage.

SIMPLICITY HEDGE TRIMMER

No. 100. To be used for fresh new growth only. Will trim every variety of hedge grown and to any shape. Price, \$3.00 (by P. P., \$3.25).



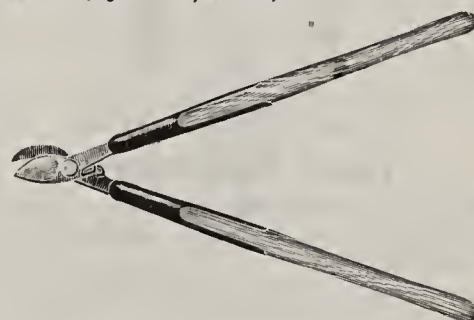
SIMPLICITY HEDGE PRUNER AND TRIMMER

No. 101. For pruning back old growth and trimming new, \$4.00 (by P. P., \$4.25).



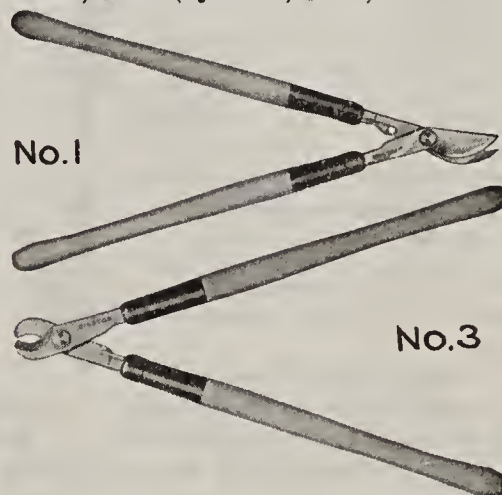
CLYDE DRAW CUT LOPPING SHEAR

No. 5402. Blade, hook and shank are forged tool steel; natural finish ash handles; pressed steel strapped ferrule and cap; length of handles, 30 in. Price \$3.00 (by P. P., \$3.20).



CLYDE LOPPING SHEAR

No. 5409. Solid tool steel blade and hook; hardened steel bolt with lock nut; handles natural finish ash; polished pressed steel ferrule and cap; length of handles, 24 inch. Price, \$1.50 (by P. P., \$1.70).

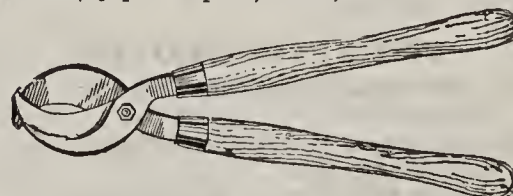


LOPPING SHEARS

No.	Disston	Each
1	Lopping. 27½-inch handles.....	\$2.50
3	Disston Bull Dog Lopping. 27½-inch handles.....	2.25

TIFFANY LOPPING SHEARS

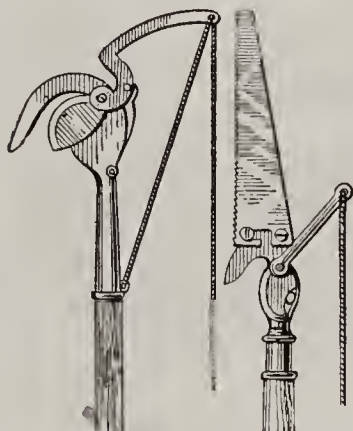
No. 2. All steel. 24-inch long. Price, \$2.75 (by parcel post, \$3.00).



RHODES LOPPING SHEAR

Makes an absolutely clean, perfect cut; blades are concave at the cutting edge; 26-inch and 30-inch handles. Price, \$3.25 (by parcel post, \$3.45).

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please add additional postage.



Disston's Little Giant Disston's Little Giant with Saw

TREE PRUNERS

Disston's Little Giant Pruner.....\$1.75

Disston's Little Giant. With saw attachment..... 2.50

No. 111. Disston's Adjustable Pruning Saw..... 1.50

The above prices are for Pruner without rope or pole.

CLYDE TREE TRIMMER

No. 5407. With pole and removable cutting blade, complete

6 feet.....\$2.25

8 feet..... 2.50

10 feet..... 2.75

12 feet..... 3.00

14 feet..... 3.25

Extra Blades for Clyde Pruners, 20c. each.

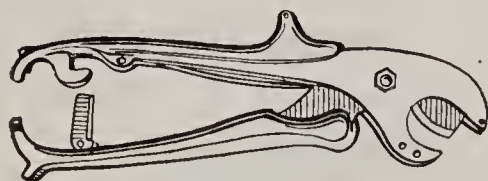
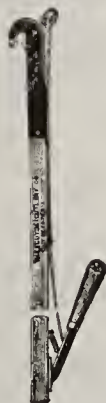
None of the above Tree Pruners, except the Clyde, are equipped with poles or ropes.

Poles for Tree Pruners.

12 feet long, 1 1/4 inches diameter.....\$2.50

14 feet long, 1 1/4 inches diameter..... 2.75

Clyde Pruners or Poles are not mailable.



LEVIN PRUNER No. 23

The handle of these shears affords a great deal of leverage, which makes very easy cutting possible. Price, 70c. (by parcel post, 80c.).

PRUNING GLOVES

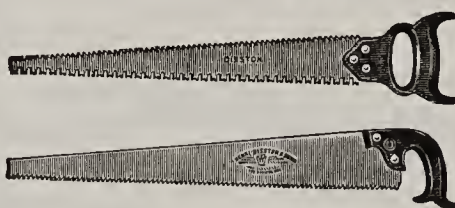
No. 280 Horse Hide, with Gauntlets, lined, per pair.....\$1.70

No. 225 Horse Hide, with Gauntlets, not lined, per pair..... 2.25

No. 228F Horse Hide, no Gauntlets, not lined, per pair..... 2.25

Ezy Wear Garden Gloves. All leather, per pair..... .65

If wanted by parcel post, add 10c. for postage.



DISSTON PRUNING SAWS

No. Each

4. 18-inch. Double edge.....\$1.35

4. 20-inch. Double edge..... 1.50

7. 16-inch. Single edge..... 1.10

7. 18-inch. Single edge..... 1.25

7. 20-inch. Single edge..... 1.50

4. 22-inch. Single edge..... 1.75

50. 14-inch. California pattern, crescent-shaped blade... 1.00

If wanted by parcel post, add 15c. each for postage.

CARPENTERS SAWS

When ordering state if rip or cross-cut.

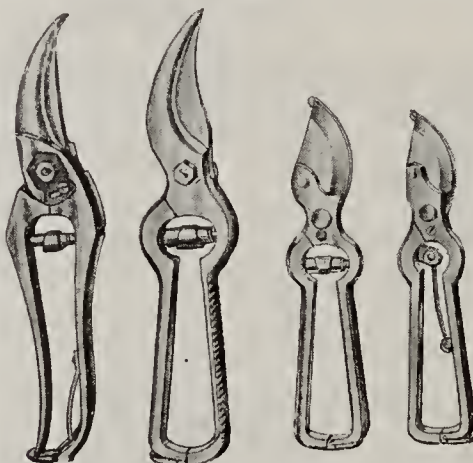
Disston No. 8D—26-inch blade.....\$3.00

Disston No. 8D (Rip)—28-inch blade.. 3.25

CROSS-CUT LOG SAWS

One Man, 3 1/2-foot blade.....\$3.25

Two Man, 5-foot blade..... 5.00



100

5945

5668

1586

PRUNING SHEARS

If Pruning Shears are wanted by parcel post, add 10c. each for postage.

No. Each

100 Michell, 9-inch.....\$3.50

5945 Elbersmit, 9-inch..... 1.90

5695 Elbersmit, 9 1/2-inch..... 2.75

5720 Elbersmit, 5 1/2-inch, nicked... 1.35

5720 Elbersmit, 6 1/2-inch, nicked... 1.65

1586 French, 7-inch..... 1.90

1586 French, 8-inch..... 2.00

5 Pexto, 9-inch..... .45

50 Pexto, 9-inch..... .90

R50 Pexto, 9-inch..... 1.00

65 Pexto, 9-inch..... 1.60

109 Wiss, 8-inch..... 2.75

Spiral Springs for any of the above Pruning Shears, 15c. each; per doz., \$1.75.



HORTICULTURAL KNIVES

A good knife is an essential to every gardener and florist. Our knives are all of the best steel and guaranteed to give good satisfaction.

WOSTENHOLM ENGLISH

No. Each

7705 Pruning, 1 blade, stag handle, extra heavy.....\$2.50

7940 Budding, 1 blade, white handle.. 2.50

7941 Budding, 1 blade, white handle.. 2.75

7954 Budding, 2 blade, white handle.. 2.75

7956 Budding, 2 blade, white handle.. 3.00

7962 Pruning, 1 blade, stag handle.... 2.00

17051 Pruning, 2 blades, stag handle... 3.00

AMERICAN MAKE

105 Pruning, 1 blade, cocoa handle \$1.00

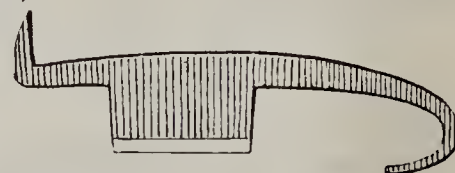
727W Budding, 2 blades, white handle 1.00

04993 Budding and Pruning, 2 blades, stag handle..... 1.00

Florists' Favorite, 1 blade, white handle .90

GRAFTING WAX

1/4 lb., 18c.; 25c. per 1/2 lb. (by parcel post, 30c.); per lb., 45c. (by parcel post, 55c.).



GRAFTING TOOL

Made of best steel, for grafting trees, etc., each \$1.00 (by parcel post, \$1.10).

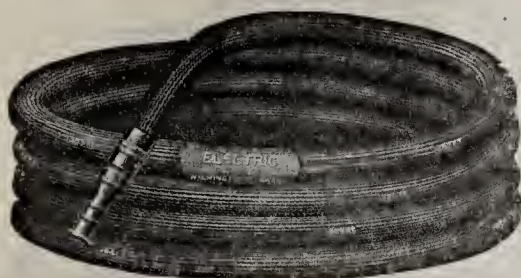
PRUNING COMPOUND

Used for painting the wounds of trees after pruning.

1 quart.....\$0.40

1 gallon..... 1.35

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please add additional postage



RUBBER HOSE

	Per ft.
Michell's Special, $\frac{1}{2}$ in.	\$0.10
Michell's Special, $\frac{5}{8}$ in.	.11
Michell's Special, $\frac{3}{4}$ in.	.12
Electric. You cannot kink it. $\frac{1}{2}$ in.	.14
Electric, $\frac{5}{8}$ in.	.15
Electric, $\frac{3}{4}$ in.	.16
Emerald Cord. $\frac{3}{4}$ in.; in 25 and 50 foot sections only.	.18
Spray Pump Hose. Electric, $\frac{3}{8}$ in.	.12

All brands (excepting Emerald Cord) come in reels of 500 feet and sections in any length to that number of feet may be had.

25-and 50-foot sections of hose coupled free. Smaller sections coupled at the rate of 20c. per pair for couplings attached.

HOSE WASHERS (Rubber)

	By
	$\frac{1}{4}$ lb. Lb. P.P.
$\frac{3}{4}$ inch.	\$0.12 \$0.40 \$0.50
1 inch.	.18 .70 .80

HOSE BANDS CALDWELL'S

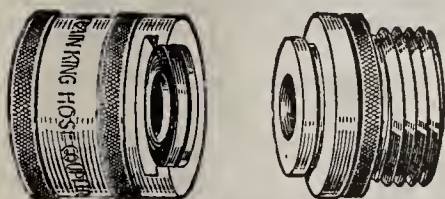
No.	Doz.	Gross
8. For 4-ply hose.	\$0.30	\$3.00
6. For 3-ply hose.	.30	2.75

If wanted by parcel post, please add 5c. per doz., and 15c. per gross for postage.

PLIERS for above, 25c. per paid (by parcel post, 35c.).

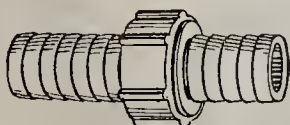
SURE GRIP

Can be furnished in $\frac{1}{2}$ inch, $\frac{5}{8}$ inch and $\frac{3}{4}$ inch; either size, 4c. each; doz., 35c. (by parcel post, 45c.); \$2.50 per 100 (by parcel post, \$2.70).



RAIN KING COUPLING

Snap together instantly; fits nozzles, sprinklers and standard hose connections. 55c. per pair (by P. P., 60c.); doz., \$6.00.

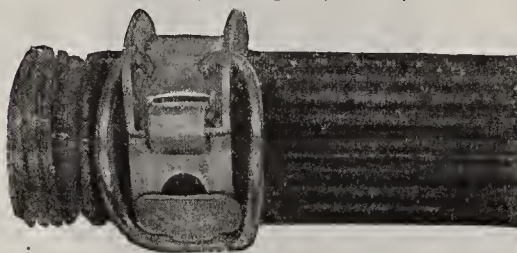


BRASS HOSE COUPLINGS

	Pair	Doz.	By P.P.
$\frac{1}{2}$ inch.	\$0.15	\$1.75	\$1.85
$\frac{3}{4}$ inch.	.15	1.75	1.85
$\frac{3}{8}$ inch, long shank	.30	3.00	3.15

PERFECT HOSE COUPLINGS

Equipped with a clamp on the male and female part for securing to the hose; no band required; for $\frac{1}{2}$ and $\frac{3}{4}$ inch hose; mention which is wanted when ordering. 25c. per pair (by parcel post, 30c.); doz. pairs, \$2.90 (by parcel post, \$3.15).



NOSCREW HOSE CLAMP

Installed instantly; no screw driver or tools of any kind required; for $\frac{1}{2}$ in., $\frac{5}{8}$ in., and $\frac{3}{4}$ in. hose. 8c. each; doz., 80c.

HOSE MENDERS

	Each	Doz.	100
If wanted by parcel post, add 10c. per doz for postage.			
Cooper's, $\frac{3}{4}$ in.	\$0.10	\$0.90	\$6.00
Cooper's, $\frac{5}{8}$ in.	.10	.90	6.00
Cooper's, $\frac{1}{2}$ in.	.10	.90	6.00
Iron, $\frac{3}{4}$ in.	.10	.90	6.00

PERFECT HOSE MENDERS



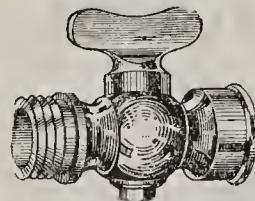
For $\frac{1}{2}$ and $\frac{3}{4}$ inch hose, 10c. each; doz., 90c. (by parcel post, \$1.00); \$7.00 per 100.

SIAMESE HOSE CONNECTION

This permits one lead of hose to be diverted in two directions. Additional two-way connections can be used according to the water pressure. 60c. each (by parcel post, 70c.).



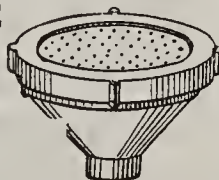
SHUT-OFF CONNECTION



Cast-brass, polished, $\frac{3}{4}$ inch male thread on one end. $\frac{3}{4}$ -inch female thread on the other. 90c. each (by P. P., \$1.00).

BINKS NOZZLE

Made of aluminum, with brass face; equipped with interchangeable sprays, coarse and fine. \$2.50 each (by parcel post, \$2.60).



BOSTON SPRAY NOZZLE

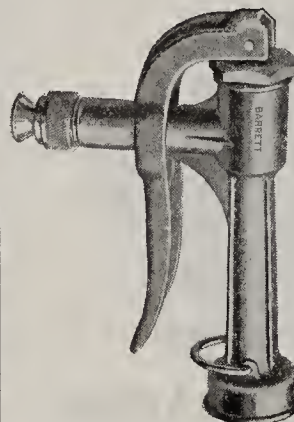
(For $\frac{3}{4}$ -inch Hose)

Light Copper, \$1.25 (by parcel post, \$1.35). Heavy Brass, \$1.15 (by parcel post, \$1.25).

RUBBER APRONS

For protecting the clothing while watering, etc.; made of extra heavy material; brass eyelets. \$1.50 each (by parcel post, \$1.65).

BARRETT HOSEMASTER NOZZLE



Will throw a stream of water 15 to 20 feet farther than an ordinary hose nozzle; adjustable spray, trigger control, automatic shut-off. Price, \$1.50 each.

RAIN KING HOSE NOZZLE

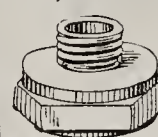
Wear-proof, leak-proof and guaranteed; adjustable from a solid stream to the finest spray. 75c. each (by parcel post, 85c.).

GEM PATTERN NOZZLE

For $\frac{3}{4}$ -inch hose. 35c. each (by parcel post, 45c.).

CHAMPION Brass NOZZLE

A dandy nozzle for greenhouse use; easily adjusted. 40c. each (by parcel post, 50c.).

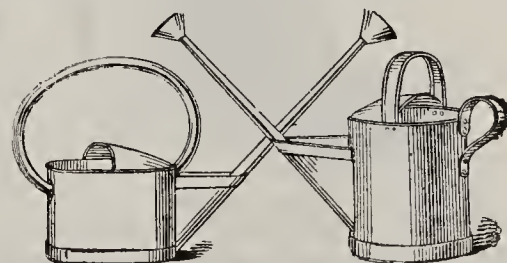


HOSE REDUCERS

Reduces 1-inch pipe to fit regular $\frac{3}{4}$ -inch hose. All brass. Each, 45c. (by parcel post, 55c.).

HYDRANT ATTACHMENTS

Used for attaching hose to smooth faucets. No. 2. For small spigot, each, 45c. (by parcel post, 55c.). No. 3. For large spigot, each, 45c. (by parcel post, 55c.).



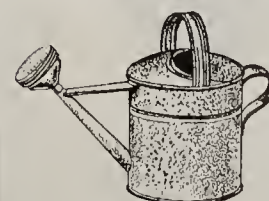
WATER CANS (Wotherspoon)

Galvanized; extra heavy, with long spout and two roses—one coarse and one fine.

	Round	Oval
4 quart.	\$3.50	
6 quart.	3.75	\$4.25
8 quart.	4.00	4.75
10 quart.	4.25	5.00
12 quart.	4.75	5.25
16 quart.	5.00	6.00
4 quart Fern or Low.		3.25

Extra Roses for Wotherspoon Watering Cans, either coarse or fine, 50c. each.

IRON CLAD WATER CANS



Made of light galvanized iron.

4 quart.	\$0.65
6 quart.	.75
8 quart.	.80
10 quart.	.90
12 quart.	1.00
16 quart.	1.40



No. 3 Paragon Sprayer

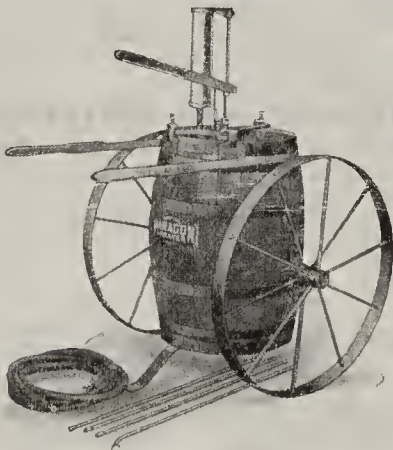
PARAGON SPRAYERS

Especially desirable for the reason that it is not necessary to strain the material. Excellent for applying whitewash.

No. 0—Capacity $3\frac{1}{2}$ gallons; equipped with 4 ft. of hose, one 3-ft. spray pipe and 3 spray nozzles. \$10.50.

No. 1—With a 6-gallon reservoir, 5 ft. of hose, 5 ft. of spray pipe and 3 nozzles, \$15.00.

No. 3—Equipped with a 12-gallon tank mounted on a truck, $7\frac{1}{2}$ ft. spray pipe, 3 nozzles and 10 ft. of hose. \$20.00. Without truck, \$17.50. We can also supply this sprayer with single wheel at same price.



No. 4 Paragon Sprayer

No. 4—Capacity, 28 gallons; mounted on a two-wheel truck; 10 ft. of spray pipe, 20 ft. of hose and 3 nozzles. \$34.00.

No. 5—Capacity, 50 gallons; equipped with 25 ft. hose, one 10-ft. extension pipe, one 3-way spray nozzle and one single spray nozzle, no truck. \$39.00.

B 41. Extra Washers for pump plungers for Paragon Sprayers, 25c. each.

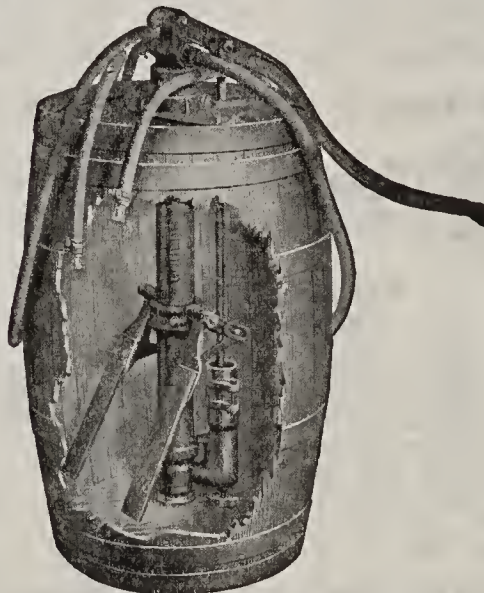
Fittings for Paragon Sprayers

No.	Price
E85. Two-way Spray.....	\$2.50
B35. Extension Pipes, $2\frac{1}{2}$ ft.....	.60
E86. Y Fitting.....	1.00
B 7. Hose Coupling Complete.....	1.10
B18. Strainer.....	1.25
B10. Female Hose Coupling.....	.70
B20. Stop-Cock.....	1.00
B24A. Mist Spray Nozzle Complete..	.90
B22. Brass Hose Bands.....each	.10



VERMOREL KNAPSACK SPRAYER

A new knapsack sprayer which works on the compressed air principle. Compact in construction and light in weight, so that it can be easily carried around. Price, \$15.00 (by parcel post, \$15.80)



Gould's Pomona Spray Pump

GOULD SPRAY PUMPS

This make of spray pump has been favorably regarded among gardeners, farmers and fruit growers for years.

Pomona. No. 1744. Plain barrel pump, no hose, nozzle or barrel. Price, \$19.80.

Pomona. No. 1744. Outfit C, with agitator, 25-ft. $\frac{1}{2}$ -in. special spray hose and 1 Mistry Jr. Nozzle (no barrel). Price, \$23.90.

Pomona. No. 1744. Outfit D, with agitator, and two 25-ft. leads of special $\frac{1}{2}$ -in. spray hose and 2 Mistry Jr. Nozzles (no barrel). Price, \$28.00.

Fruitall. Fig. 1188. Plain pump, no hose, nozzle or barrel. Price, \$10.80.

Fruitall. Fig. 1188. Outfit C, with agitator, one 25-foot lead of $\frac{1}{2}$ -inch special spray hose and 1 Mistry Jr. Nozzle (no barrel). Price, \$14.90.

Fruitall. Fig. 1188. Outfit D, with agitator, two 25-foot leads of $\frac{1}{2}$ -inch special spray hose and two Mistry Jr. Nozzles (no barrel). Price, \$19.00.

Barrels for holding spray solution, 50 gal. capacity, \$6.50.

Truck with $3\frac{1}{2}$ -inch tire wheels, \$17.50.

AUTO SPRAY

A compressed air sprayer with screw-locking cap and strongly reinforced corrugated tank.

No. 9-C—Solid copper tank; capacity, 4 gallons; equipped with hose and Auto-Pop Attachment, \$9.00 (by P. P., \$9.30).

No. 9-A—Galvanized tank; capacity 4 gallons equipped with hose and Auto-Pop, \$5.50 (by P. P., \$5.80).

No. 50-D—Galvanized tank; capacity, $2\frac{1}{2}$ gallons; equipped with hose and Auto-Pop, \$5.25 (by P. P., \$5.45).

Auto-Pop Nozzle Attachment; controls the flow instantly by a pressure of the hand. When Auto-Pop Attachment is purchased separately: Plain, \$1.00 each (by parcel post, \$1.10); complete with hose, \$1.35 (by parcel post, \$1.50).



Auto Spray

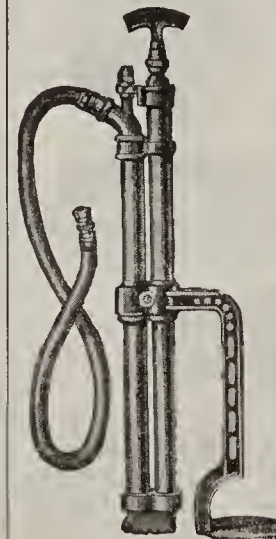
DEMING SPRARITE KNAPSACK SPRAYER

Fig. 1002. These are very convenient for carrying around the garden, among shrubbery, trees, etc. Cast bronze plunger pump, solid brass ball valve; of easy operation; tank capacity four gallons; strainer for filling. Equipped with 3 feet of $\frac{3}{8}$ -inch hose, automatic shut-off and "Eureka" nozzle; weight 30 lbs. Price, galvanized, \$16.50 (by P. P., \$16.85); brass, \$20.00 (by P. P., \$20.35).

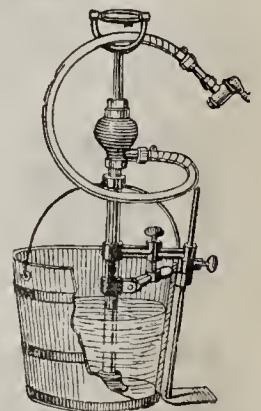
BUCKET SPRAY PUMPS

These are made entirely of brass except the foot rest, bucket fastener and hand grip. The prices below do not include bucket, but include nozzle and $3\frac{1}{2}$ feet of $\frac{3}{8}$ -inch hose.

No. 689. Perfect Success (with bucket fastener), \$6.75 (by parcel post, \$7.00).



Myer's Pump

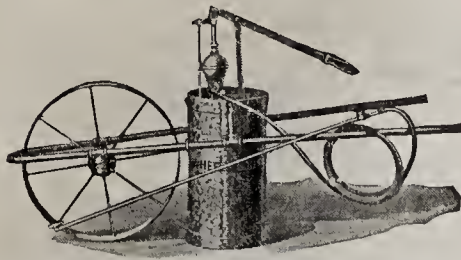


Perfect Success

MYER'S BUCKET PUMP

This is a double brass chamber arrangement and fills the want of those desiring a medium priced sprayer. Price, \$3.25, including hose and nozzle (by P. P., \$3.50).

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please add additional postage.



WHEELBARROW SPRAYER

Extreme width, 18 inches; narrow enough to go through the aisles of a greenhouse; 24-inch wheel with a 3-in. tread, making it easily handled over soft and rough ground. Pump has 1½ in. diam. cylinder, with adjustable stroke. Equipped with 12-gal. galvanized tank, 10-ft. hose, 4-ft. extension pole, nozzle and shut-off valve, \$30.00.

No. 50 WHEELBARROW SPRAYER

Adapted for spraying vegetable crops, flowers, orchards, etc., also for spraying disinfectants. Steel frame; galvanized tank; all brass pump; all working parts brass; 8 feet of hose. Price, \$14.00.

EXTENSION PIPES, Etc.

For reaching into trees (⅜-in. threads)

	Each
Bamboo, brass lined, 8 ft.	\$3.75
Bamboo, brass lined, 12 ft.	4.50
*Brass, 2 ft., for Auto Sprays.....	.50
Pet Cock, for extension pipes.....	.90
*Paragon Extension, 2½ ft. ....	.50

*If wanted by P. P., add 10c. for postage.

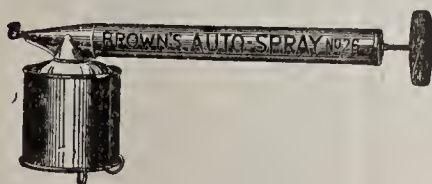


HAND SPRAYERS

Michell's (Compressed Air). See cut. Tin, each 85c. (by P. P., \$1.00); Brass, each \$1.65 (by P. P., \$1.80).

Cyclone Sprayer. Similar to the above but with no automatic air reservoir.

No. 112, tin. 45c. (by P. P., 55c.).



No. 26C. Sprayer

COMPRESSED AIR SPRAYER

No. 26C. Sprays on both the up and down stroke of the plunger; will handle all disinfectants and insecticides; brass pump, copper bronze tank. Capacity, 1 qt., \$1.25.



HEAVY BRASS SYRINGES

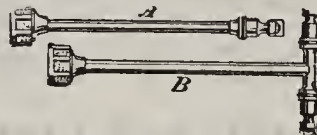
No.	Diam. In.	Length In.	Price	By P.P.
99.	1½	18	1 spray....\$3.00	\$3.20
101.	1¾	14	2 sprays....	3.70
101A.	1½	16	2 sprays....	4.70
110.	1¾	20	2 sprays....	9.00
120.	1¾	20	Adjustable..	9.50 9.70



SPRAY NOZZLES (⅜-in. Thread)

	Each
Mistry, Jr., Fig. 1688, Straight style..	\$1.10
Mistry, Jr., Fig. 1691, Angle style....	1.10
Fig. 1074½, Y connection for making a double spray head nozzle.....	.35
Fig. 1692, Bordeaux.....	1.20

If nozzles are wanted for ¼-in. hose connections, add 60c. to above prices for Fig. 966 combination.



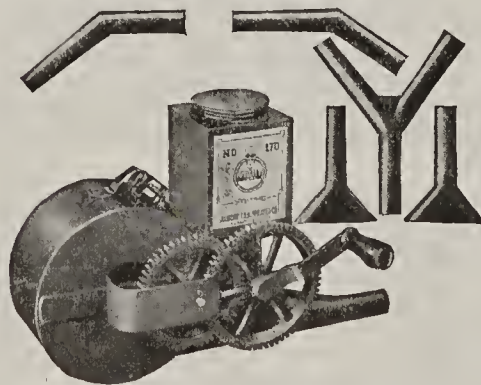
STOTTS SPRAY NOZZLES

	Each	Each
A. Single.....	\$1.50	B. Double....\$2.50

If nozzles are wanted by parcel post, Please add 10c. each for postage.

LIQUID MANURE DISTRIBUTOR

This can be attached to hose with which you are watering and, connected with a barrel of liquid manure, the suction of water will draw a quantity of manure with it. Price, \$2.50 each (by P. P., \$2.60).



UTILITY DUSTER

Used for the application, in dry form, of Arsenate of Lead, Paris Green, etc. Made of heavy tin, enameled red; iron and brass machined cut gears. Provided with tubes connections and nozzles as illustrated. Price, \$8.50 (by parcel post, \$8.80).



Double Action Duster

VERMOREL DUSTER

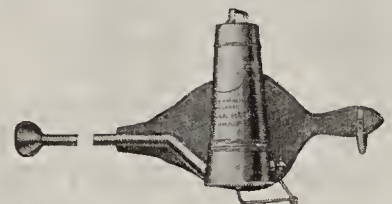
A knapsack machine for dusting various kinds of powdered insecticides. Capacity 6 qts. dry measure.

	Each	By P.P.
Single Action Duster.....	\$10.00	\$10.30
Double Action Duster....	15.00	15.30



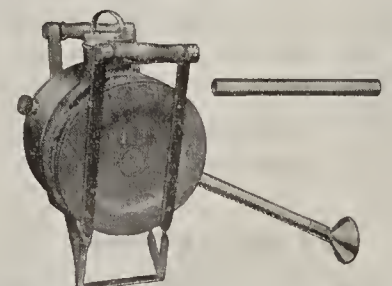
BROWN'S CRYSTAL DUSTER

A new type duster recommended for use in dusting truck crops in the garden, flower beds, etc. The glass jar feature enables the operator to see the amount of dust in the container; equipped with a long extension and adjustable nozzle. Capacity, one quart. Price, \$1.35.



"FAMOS" HAND DUSTER

An ideal machine for those who need a small, but efficient duster; of light, compact and sturdy construction; equipped with extension pipes 24 inches in length. The fan shaped spreader can be adjusted to throw dust on the under side of foliage or at any angle desired; especially adapted for applying sulphur. Capacity, one pound. Price, \$4.75.



"GREEN" HAND DUSTER

Capacity, 2 to 4 pounds; powerful bellows; 30 in. extension with spreader. Price, \$5.50.

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please add additional postage.

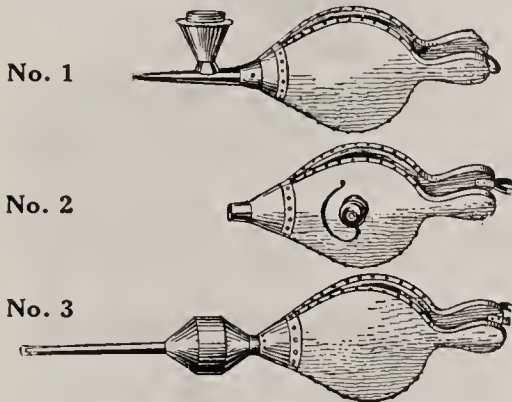


LOGAN POWDER DUSTER

Excellent for distributing Bug Death, Slug Shot, etc. Price, 65c. (by P. P., 80c.).

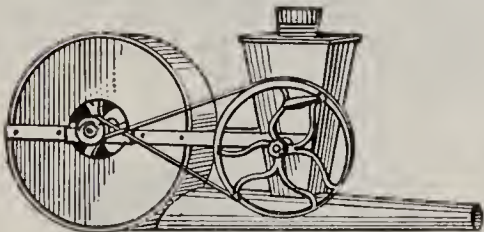
DICKEY DUSTER

Excellent for distributing Bug Death, Slug Shot, etc. Price, 45c. (by P. P., 55c.).



BELLOWS

	Each	By P.P.
No. 1. Small Single Cone....	\$2.75	\$2.95
No. 2. Sulphur Bellows.....	3.75	3.95
No. 3. Large Double Cone....	6.00	6.25
Large Single Cone....	4.25	4.45



SULPHUR BLOWER

For distributing sulphur and insecticides of various kinds. Made of heavy metal; no wearout to them. \$7.00 (by P. P., \$7.30).



Vaporizing Lamp

VAPORIZING LAMP

Practical and indestructible; all metal; burns kerosene; used for dispensing fumes of Nikoteen and other preparations of this sort. 65c. each (by P. P., 75c.); 6 for \$3.50 (by P. P., \$3.75); \$6.75 per doz. (by P. P., \$7.00).

FUMIGATORS

Perfection—Fitted with a water tank to prevent burning out.

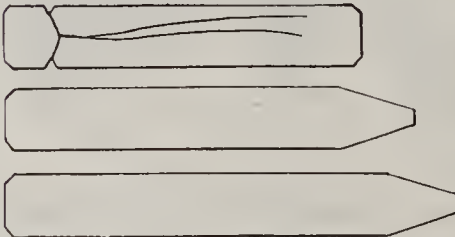
No.	Feet	Each
1 for house, 12 x 40.....		\$6.50
2 for house, 15 x 100.....		8.25

WIRE BASKETS

	Each	Doz.	100
8 inch.....	\$0.20	\$2.25	\$17.00
10 inch.....	.30	3.50	25.00
12 inch.....	.50	5.50	38.00
14 inch.....	.60	6.75	49.00
16 inch.....	.75	8.25	60.00

VASES

	Each	P.Post	Doz.
5. Iron. Med.; green..	\$0.60	\$0.70	
6. Iron. Large; green..	.70	.85	
6. Galvanized. Large..	.90	1.05	
5. Galvanized. Med..	.75	.85	
2. Tin. Enamelled; large (gross, \$12.50).....	.10		\$1.10



TREE LABELS, Etc.

If labels are wanted by parcel post, add 10c. per 100, or 20c. per 1000, except on 10, 12 or 18 inch, for postage.

	100	1000
Wood, Iron Wired. Plain..	\$0.25	\$1.75
Wood, Iron Wired. Painted..	.35	2.15
Wood, Copper Wired. Plain..	.30	2.15
Wood, Copper Wired. Painted..	.40	2.70
Copper Sheet, wired, 25c. doz.	1.40	
Zinc Sheet, wired, 25c. doz..	1.40	
Indelible Marking Pencils, each, 15c.		

PAINTED POT LABELS

No. in pkg.	100	500	1000
4 inch.....	1000	\$0.25	\$1.70
4½ inch.....	1000	.25	2.05
5 inch.....	1000	.35	2.40
6 inch.....	1000	.40	2.65
8 inch.....	250	1.00	7.00
10 inch.....	250	1.25	9.00
12 inch.....	100	1.40	11.00
18 inch for field use..	4.50	\$20.00	39.00

The 18-inch field labels are not painted.

ECONOMY POT AND TREE LABELS

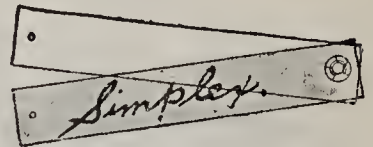
A wonderful label made of almond wood, which will hold the marking for a considerable time and owing to the nature of the wood used, it is not necessary to paint them; very desirable for those who use labels in large quantities; extremely well made.

	No. in pkg.	1000
4 -inch Pot.....	1000	\$1.50
4½-inch ".....	1000	1.70
5 -inch ".....	1000	1.80
6 -inch ".....	1000	2.00
8 -inch ".....	250	5.50
10 -inch ".....	250	7.00
12 -inch ".....	250	10.00
3½-inch Tree, Iron wired.....		1.60
3½-inch Tree, Copper wired.....		1.90

CELLULOID POT LABELS

Made of white celluloid; excellent for greenhouse use.

No.	Size	Doz.	100
21	4 x 5/8 inches.....	\$0.25	\$1.90
22	5 x 3/4 inches.....	.35	2.70



Simplex Weather-proof Plant Label

The material carrying the writing is white celluloid; this is protected by a transparent cover of mica. Mark with an ordinary lead pencil. Prices include wires for attaching.

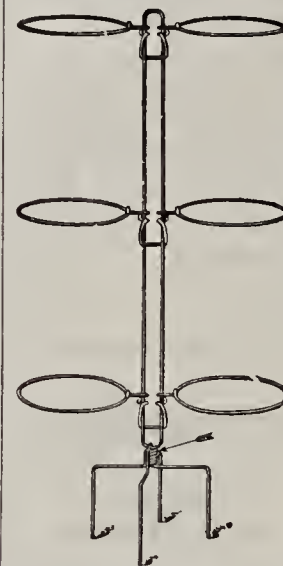
Sizes	Doz.	100
No. 1—3 x 1/2 in.....	\$0.40	\$2.85
No. 2—4 x 3/4 in.....	.75	4.75
No. 3—5 x 1 in.....	.95	6.75

If wanted by parcel post, add 10c. per 100, for postage.

Simplex Weatherproof Garden Label

Iron stake, 24 inches long..	Each	Doz.
No. 10—2¾ x 1½ inches.....	\$0.25	\$2.75

CARNATION SUPPORTS



The best double support on the market; made of Nos. 11 and 14 galvanized wire 28 inches high; can be put together in less than a minute; will not fall apart.

Per 100...\$11.50
Per 1000...100.00

MICHELL'S SNAP- DRAGON SUPPORTS

The only support of the kind on the market and indispensable to the proper growing of this popular plant. Per doz., \$2.00; \$15.00 per 100.



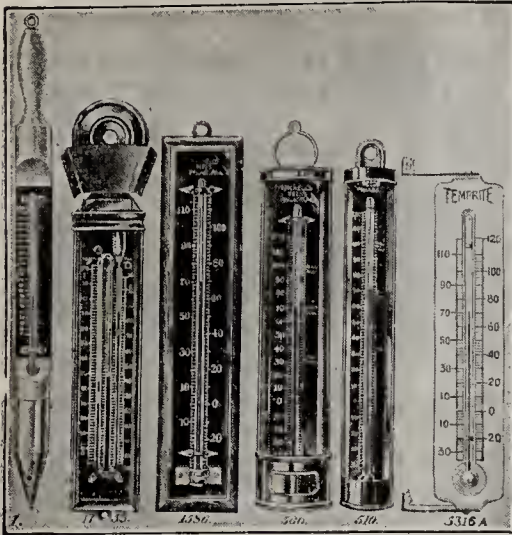
IRON PLANT STANDS

Enamelled green.

Inch	Size of Plates	Price Each
12.....	5 x 7	\$1.50
18.....	5 x 7	1.75
24.....	8 x 10½	2.25
30.....	8 x 10½	2.60
36.....	8 x 10½	2.75
42.....	8 x 10½	2.80
48.....	8 x 12	3.25
60.....	8 x 12	3.35
72.....	8 x 12	4.00

EXTRA PLATES FOR STANDS

Each	Each
5 inch.....\$0.60	10½ inch.....\$1.00
7 inch......75	12 inch.....1.15
8 inch......85	



THERMOMETERS

No. 1753. Maximum and Minimum. Registering the coldest and the warmest points during the previous night. 10 in., black tin case, each, \$4.00.

Tested Grade. These are accurate and may be depended upon. Each Doz.

No. 506—8 in., Tin Case... \$0.65 \$7.00
No. 510—10 in., Tin Case... .75 8.00
No. 556—8 in., Greenhouse.. 1.15 12.00
No. 560—10 in., Greenhouse.. 1.35 15.00

No. 652—8 in., Copper Case. 1.75
No. 656—10 in., Copper Case. 2.00
No. 1582—8 in., Wood Back.. 1.75
No. 1586—10 in., Wood Back.. 2.00

No. 5127—8 inch Temprite Greenhouse; white enamel, red column. \$1.00 each; doz., \$10.00.

No. 5316A—8 inch Temprite Window or Wall; white enamel, red column. 90c. each; doz., \$10.00.

DAIRY THERMOMETER Each
No. 5724—For use also in testing soil. \$0.30

HOTBED THERMOMETER
No. 20450—Iron Point, oxidized finish \$1.75

No. 200 RECORDING THERMOMETER

Can be equipped with either a daily or weekly chart enabling the grower to keep an accurate record of the temperature in his greenhouse during every hour of the day and night; equipped with a high grade clock and ink stylus which marks very accurately. When ordering, state if weekly or daily record chart is desired. Price, \$35.00, f. o. b. factory.



THERMOSTATS (See Illustration)

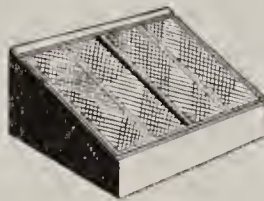
No. 1—Thermostat. Furnished complete with the exception of wire, battery and bell. All brass. Price, f. o. b. Philadelphia. Not water proof style, G. H. 3, \$10.50; G. H. 4, water proof style, \$16.00. Price, f. o. b. factory, G. H. 3, \$10.00 each; G. H. 4, \$15.00 each.

FLEX-O-GLASS

A glazed cloth used in place of glass for poultry houses, hot beds, greenhouses, etc. Transparent and readily admits light, while at the same time withholding cold, water and wind; 3 feet wide.

Per Yd.
Cut pieces.....\$0.26
Full Roll lots (100 yds.)......24

CEL-O-GLASS



Grow your own plants; get earlier flowers and vegetables with Cel-O-Glass; use the new improved style on your cold frames and hot-bed sashes—for such important new uses as cylinders and cones for individual plants, forcers for row plants and, newly planted seeds; can be used where ordinary glass cannot and is much lighter; sashes are easier to handle; not affected by hail, snow, rain or wind and cannot break like glass; flexible; easy to cut and use; highly translucent; lets in the ultra-violet rays of sunshine. The new improved Cel-O-Glass lasts twice as long; saves heavy lifting, breakage and repair expense. 36 inches wide.

Less than 100 feet, per running foot, 45c.
Full rolls, per running foot, 42½c.

MULCH PAPER

This is a strong fibre paper impregnated with asphalt, designed for use in fields, orchards and gardens, under all sorts of conditions, and tough enough to last an entire season.

Mulch Paper is applied to the soil surface after the proper preparation, this will eliminate weeds entirely and make cultivation and weeding unnecessary. Exhaustive tests have proved that earlier crops are produced and in many cases increases the production over 100%; retains moisture and brings crops to maturity in advance of normal plantings. Made in two widths.

Type A—For Field Culture. Rolls contain 300 lineal yards. 18 in. wide, \$3.00 per roll; 36 in. wide, \$6.00 per roll.

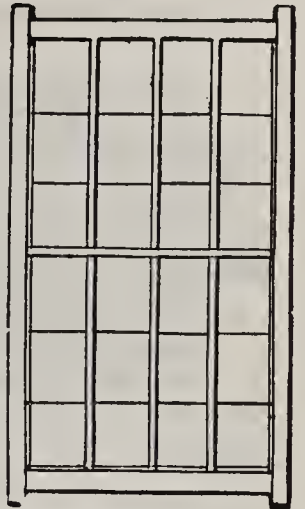
Type B—For gardens, fruit trees and berries. Rolls contain 150 lineal yards. 18 in. wide, \$3.00 per roll; 36 in. wide, \$6.00 per roll.

HOT BED SASH

Philadelphia Style. Made of best quality cypress. Size, 3 feet, 1½ inches wide, 6 feet long, 1¾ inches thick. Plain not glazed or painted. Each \$3.25.

Glazed, primed and puttied. Each, \$6.50.

Packing Charges on all Glazed Sash, 50c. per sash additional.

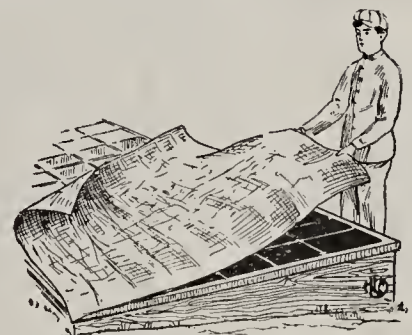


All glazed sash are shipped at purchaser's risk, although we pack very carefully to insure safe arrival.

SHADING OR PROTECTING CLOTH

Admirable for protecting plants, etc., from sun and at the same time allowing ventilation. Made of brown cloth.

	Yds. per Piece	Price Per Yd.	Price Per Pc.
Light.....	60	\$0.17	\$10.00
Medium.....	50	.20	9.50
Heavy.....	40	.31	11.60



HOT BED MATS

The "Burlap Style" are the best mats that it is possible to procure. They are padded with shoddy. Rats and mice do not harbor in them, and they are otherwise practically indestructible.

Burlap, Non Waterproof. 76 x 76 inches, covering two regular size sash. \$2.75 each; doz., \$32.00.

Burlap, Non Waterproof. 40 x 76 inches, for one sash \$1.85 each; doz., \$20.00.

Burlap one side, Waterproof Drill one side. 40 x 76 inches. \$2.25 each; doz., \$26.00.

Burlap one side, Waterproof Drill one side. 76 x 76 inches. \$3.75 each; doz., \$40.00.

BURLAP

For covering shrubbery, etc.

	Per Yd.
3-ft. wide, cut pieces.....	\$0.12
Full pieces, 100 yds.....	.11
40-in. wide, cut pieces.....	.14
Full pieces, 100 yds.....	.13
4-ft. wide, cut pieces.....	.16
Full pieces, 100 yds.....	.15

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please add additional postage



CUT FLOWER BOXES CORRUGATED PAPER

(For Shipping)

Used almost exclusively for carrying and shipping cut flowers; they are lighter than wooden ones.

	Each	Doz.	100
48 x 14 x 8 inch	\$0.45	\$3.00	\$21.00
42 x 14 x 8 "	.40	2.75	17.50
36 x 14 x 6 "	.35	2.50	15.00
30 x 12 x 6 "	.25	2.25	12.00
24 x 8 x 5 "	.20	1.75	8.50

DOUBLE TELESCOPE BOX

Made of 175 lb. test board, one size only, 48 x 14 x 8; can be shipped by express without crating. 50c. each; doz., \$4.00; \$30.00 per 100.

BOXES FOR STORE USE

Mist green, lined white inside. The sizes offered in this finish are carried in stock; other sizes in this finish also in manila, mist, tan and oxford gray can be supplied on short notice. Boxes shipped from stock are supplied not printed only—we can furnish boxes printed, shipment from factory in about two weeks.

L.	W. D.	inch	Price f. o. b. Phila. Per Doz.	Price f. o. b. Factory Per 100
16 x 4 x 3				\$2.80
*18 x 5 x 3			\$0.55	\$4.00
20 x 4 x 3				3.20
21 x 5 x 3				3.60
21 x 7 x 3 1/2				5.20
*24 x 5 x 3 1/2			.85	6.25
*24 x 8 x 4			1.10	8.00
24 x 8 x 5				7.20
28 x 8 x 4				7.20
*28 x 8 x 5			1.50	10.00
30 x 5 x 4				6.16
*30 x 10 x 6			1.90	14.00
*30 x 12 x 7			2.50	18.00
36 x 6 x 5				9.60
*36 x 8 x 5			1.90	13.00
36 x 10 x 6				14.40
42 x 8 x 5				14.40

Sizes marked * are carried in stock at Philadelphia, the other sizes are shipped from the factory in New York State, in lots of not less than 50 of a size.

VIOLET AND CORSAGE BOXES

	Price f. o. b. Phila. Per 100	Price f. o. b. Factory Per 100
8 x 5 x 5 inch	\$4.00	\$3.35
9 x 6 x 5 "	4.25	3.60
12 x 6 x 5 "	5.00	4.40
12 x 10 x 6 "	7.50	6.15
15 x 6 x 5 "	6.00	5.00

DESIGN BOXES

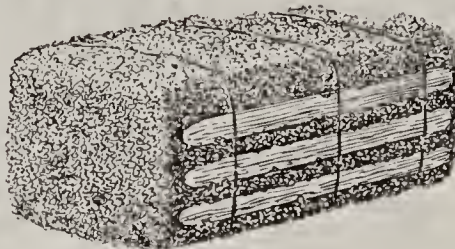
	Price f. o. b. Phila. Per 100	Price f. o. b. Factory Per 100
Manila lined board in heavy weights.		
16 x 16 x 8 inch	\$14.00	\$11.20
18 x 18 x 8 "	15.00	12.30
20 x 20 x 8 "	17.00	14.00
24 x 24 x 8 "	22.00	18.40

Special Note.—When it is desired to have boxes printed, please add \$2.00 to prices named, regardless of quantity.

PARCEL POST CUT FLOWER BOXES

For shipping cut flowers; made of fibre board; brown in color.

F. o. b. factory only.	Per 100
25 x 5 x 4 inch	\$9.00
24 x 8 x 5 "	12.00
28 x 8 x 5 "	13.60
30 x 14 x 8 "	24.80
36 x 12 x 7 "	24.40
13 x 9 x 6 "	9.60
20 x 20 x 8 "	23.60
24 x 24 x 10 "	32.80



MOSS

We make a specialty of long, clean, selected sphagnum moss; florists will find the quality we furnish to be much better than the average.

Sphagnum, Live or Green. Peck, 35c.; \$1.00 per bushel; per bbl., \$2.50.

Sphagnum, Dry. Barrel sacks, \$1.00.

Sphagnum, Dry. Finest quality, burlapped bales, \$1.50 per bale; 5 bales, \$7.00; \$12.50 per 10 bales.

Green Lump. Peck, 40c.; \$1.25 per bushel; bbl. bag, \$2.00.

Green Sheet. Per 10 lb. bale, \$1.75.

WIRED TOOTHPICKS

Regular Size. Per 1000, 40c. (by P. P., 50c.); \$2.75 per 10,000 (by P. P., \$3.00); 50,000, \$10.50.

3 inch, dyed green, per box of 8,000, \$3.75 (by P. P., \$4.00); \$16.00 per case of 40,000.

4 inch, dyed green, per box of 4,500, \$3.25 (by P. P., \$3.50); \$6.25 for 10,000.

6 inch, dyed green, per box of 3,000, \$3.00 (by P. P., \$3.25); \$8.50 for 10,000.



Toothpick Holder

WIRED TOOTHPICK HOLDER

A handy device for holding wired toothpicks. Price, \$2.25 (by P. P., \$2.40).

PAPER FOR WRAPPING BOXES AND FLOWERS

	Lb.	1/2 ream	Ream
Manila. For wrapping.	\$0.14	\$1.75	\$3.00
Manila. Tissue.	.20	.75	1.25
Wax. White. Best quality, 24 x 36 inches	.30	1.40	2.25
Wax. Green. Best quality, 24 x 36 inches	.35	1.50	2.40
Wax. Green. In 3 in. wide rolls, for wrapping frames of designs.	25c. per roll; doz., \$2.50.		

TINFOIL

If wanted by parcel post, please add for postage as follows: 10c. for 1 lb.; 15c. for 5 lb.; 20c. for 10 lbs.

	Width	Lb.	5 lbs.	10 lbs.
Plain (5 lb. rolls) 5 in.			\$0.85	
Plain	5 in.	\$0.17	.80	\$1.50
Plain	6 in.	.17	.80	1.50
Violet Foil	6 in.	.30	1.45	
Green Foil	6 in.	.30	1.45	

Ask for prices on large quantities of foil.

ALUMINUM FOIL

Green or lavender; width, 5 inches; 48 yds. to roll. Per roll, \$1.40; 10 roll lots, \$1.35 per roll.

Tinfoil Holder and Cutter for rolls of Tinfoil, 85c. (by P. P., \$1.00).

GREENING OR FLORISTS'

HAIR PINS

Save valuable time in making designs. Price, \$1.90 per 10 lb. box (by P. P., \$2.10).



TAPE

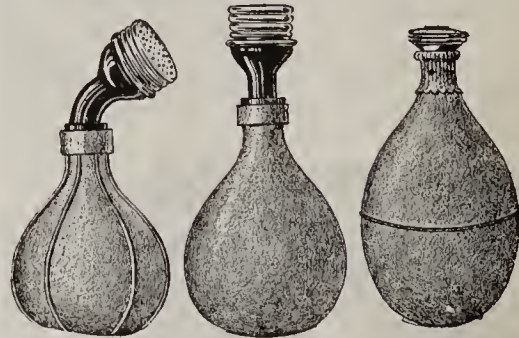
For tying boxes and packages.

Christmas Red

1000 yd. spools, \$2.75 (by P. P., \$2.90).

Moss Green

1000 yd. spools, \$2.25 (by P. P., \$2.40).



Spraywell

Scollay

RUBBER SPRINKLERS

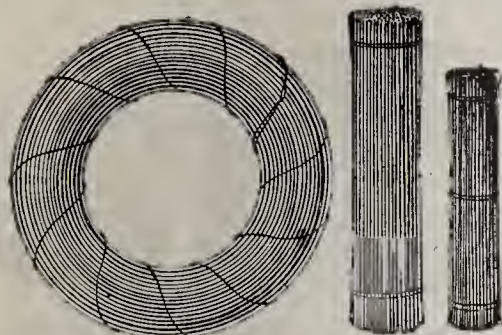
For sprinkling cut flowers, seedlings, etc. Spraywell style in either straight or crook neck.

No.	Each
1. Spraywell Style—6 oz. capacity	\$.70
2. Spraywell Style—8 oz. capacity	.85
3. Spraywell Style—10 oz. capacity	1.00
1. Scollay—12 oz. capacity	1.25

SPRAY BULBS

Can be used for spraying either liquid or powder; spray head is removable. Price, 45c.

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please add additional postage.



WIRE (Price Subject to Change) ANNEALED

No. 16 per 12-lb. stone.....	\$1.20
No. 18 per 12-lb. stone.....	1.25
No. 20 per 12-lb. stone.....	1.35
No. 22 per 12-lb. stone.....	1.40
No. 24 per 12-lb. stone.....	1.50

GALVANIZED

No. 16 per 12-lb. stone.....	\$1.20
No. 18 per 12-lb. stone.....	1.40
No. 19 per 12-lb. stone.....	1.45
No. 20 per 12-lb. stone.....	1.50
No. 22 per 12-lb. stone.....	1.60
No. 19, Tinned, cut to 8½ in. long, 10-lb. box.....	1.90

CUT BOUQUET WIRE

For Stemming Flowers, Etc.

No. 20. Cut, 9, 12 or 18 in. long, 20c. per lb.; per box, 12 lbs., \$1.60.	
No. 22. Cut, 9, 12 or 18 in. long, 25c. per lb.; per box, 12 lbs., \$1.85.	
No. 24. Cut, 9, 12 or 18 in. long, 30c. per lb.; per box, 12 lbs., \$2.40.	



WIRE SNIPS

If wanted by parcel post, add 10c. each for postage. Each

No. 369— 7 inches, serrated edge, long blade.....	\$1.25
No. 833— 7½ inches, short blade.....	.90
No. 832— 8 inches, long blade.....	1.00
No. 12— 8 inches, heavy.....	1.10
No. 10—11 inches, heavy.....	1.75

CARNATION MENDING DEVICES

Staples. For calyx mending, 30c. per 1,000; 5,000 for \$1.45; \$2.70 for 10,000; 25,000 for \$6.50; \$12.50 for 50,000.

Rubber Bands. Ounce, 25c.; 90c. per ¼ lb.; \$2.00 per lb.

Bauer Carnation Outfits

Pliers and 1,000 clips, \$3.50.

Pliers, each, \$2.50.

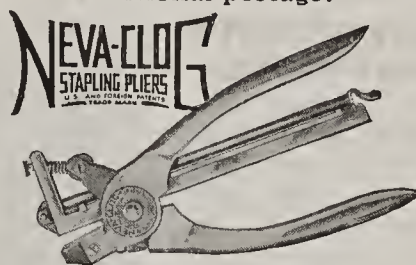
Clips, \$1.00 per 1,000.



SOWRITE SEED SOWER

Latest Model

Sows all seeds up to the size of Sweet Peas. Scatters seeds individually; prevents crowding; you can see each seed drop no matter how fine; made of copper, nickel-plated. Price, 50c. each.



NEVA-CLOG STAPLING PLIERS

Operated in the hand like a pair of scissors; has an ejector which automatically throws out accidentally closed staples; staples are fed in one strip fastened together in cartridge form, 100 staples to a cartridge. Price, \$5.50.

NEVA-CLOG STAPLES

Per box of 1,000, 50c.

MISTO BOTTLE SPRAYER

For applying water to cut flowers, funeral and other design work; makes a fine mist avoiding all drip; made of metal, nicely nicked. Price, with bottle, 85c. each (by P. P., 95c.); 6 for \$5.00 (by P. P., \$5.25).



HOLE IN ONE

Plant Setter

An excellent tool for planting bulbs or transplanting various plants, makes the proper size hole with ease. Price 90c.

THE SAVO STEEL All-Year-Round Flower Box



Patented Jan. 23, 1917

Self-Watering and Sub-Irrigating FOR

Windows, Porches, Sun Parlors, etc.

The Savo Flower and Plant Boxes are made of the best grade of galvanized steel with neat round corners and a full roll rim, the watering is easy, the drainage ample, the air circulation perfect. The green enamel finish inside and out prevents rust or leakage. They will last in constant use many years. Reservoir requires water about every ten days to two weeks.

	Height	Width	Length	Price
Model A.....	8 in.	9½ in.	23 in.	\$3.00
Model B.....	8 in.	9½ in.	29 in.	3.50
Model C.....	8 in.	9½ in.	35 in.	4.00
Model D.....	8 in.	9½ in.	41 in.	4.50

These are outside measurements, including the ¾-in. roll rim. Special sizes made to order when required.

THE PERFECTO FLOWER BOX

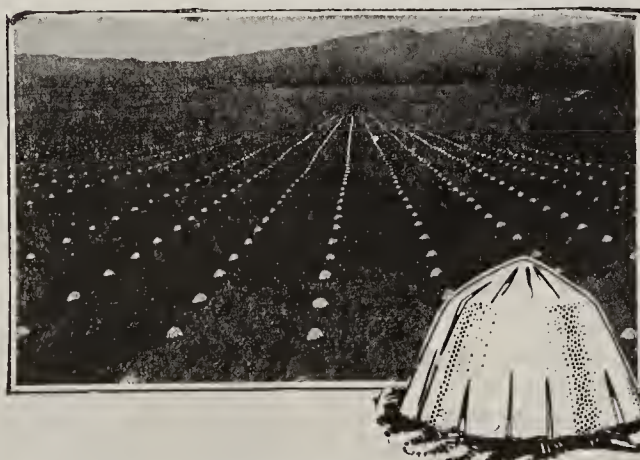
Air Circulating. Self Irrigating

Recognized as the correct idea in construction for growing house and porch plants. The self-irrigating system provided by the inner plate, with the raised connecting troughs equalizes the water into a perfect distribution to the roots. Constructed of coppered steel; finished in enamel green.

Length	Depth	Width	Price
20 in.	6 in.	7 in.	\$0.90
26 in.	6 in.	7 in.	1.40
32 in.	6 in.	7 in.	1.85
38 in.	6 in.	7 in.	2.35
44 in.	6 in.	7 in.	2.75

HOTKAPS

EARLIER, MORE PROFITABLE CROPS

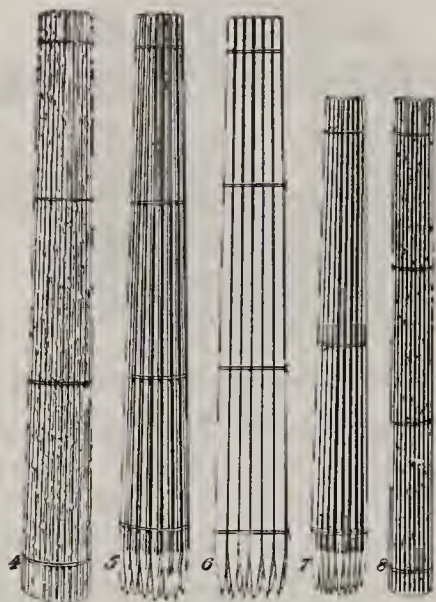


HOTKAPS can make many extra dollars for you this season. They are patented wax paper cones—"individual hothouses for each plant" that completely cover them, and fully protect them from frost, wind, rain, ground-crusting and insects. This is your assurance of earlier, bigger crops, and higher early-to-market prices. HOTKAPS are inexpensive and easy to use. One man "sets" over 3,000 per day.

Write us about HOTKAPS or order your season's supply now.

Prices: 1,000 lots, \$9.50; 5,000 lots, \$9.00 per 1,000; 10,000 lots, \$8.50 per 1,000; 250 Trial Package, including papier mache Garden Setter with Tamper, \$3.25; 100 Home Package, including papier mache Garden Setter with Tamper, \$2.25; Hotkap Steel Setter with Tamper, \$2.00. Weights: 1,000 package HOTKAPS, 26 lbs.; 250 package, 9 lbs.; 100 package, 5 lbs.; Steel Hotkap Setter, 3 lbs.

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please add additional postage



Key to above illustration: No. 4, Japanese Cane, natural; No. 5, Dahlia; No. 6, Square; No. 7, Tapering; No. 8, Japanese Cane, green.

PLANT STAKES

No. 10 Steel Wire, Galvanized

	Doz.	100	1000
2 foot.....	\$0.15	\$0.95	\$6.25
2½ " .....	.18	1.15	8.00
3 " .....	.25	1.35	9.75
3½ " .....	.30	1.60	11.00
4 " .....	.35	1.70	12.00
4½ " .....	.40	1.90	13.50
5 " .....	.45	2.10	15.00
6 " .....	.55	2.50	17.50

No. 8 Steel Wire, Galvanized

For staking American Beauty and other strong growing roses.

	Doz.	100	1000
2 foot.....	\$0.18	\$1.20	\$8.75
2½ " .....	.25	1.50	9.75
3 " .....	.30	1.80	11.50
3½ " .....	.35	2.10	14.00
4 " .....	.40	2.25	16.50
4½ " .....	.45	2.55	17.75
5 " .....	.50	2.80	20.50
6 " .....	.60	3.38	24.50

GREEN PAINTED TAPERING PLANT STAKES

	Doz.	100
1½ foot.....	\$0.25	\$1.75
2 " .....	.45	3.25
2½ " .....	.60	4.50
3 " .....	.80	6.00
3½ "	1.00	7.50
4 "	1.20	9.00
5 "	1.50	10.75

GREEN PAINTED HEAVY OR DAHLIA STAKES

	Doz.	100
3 foot.....	\$1.25	\$9.50
4 "	1.70	13.00
5 "	2.15	16.75
6 "	2.65	20.00

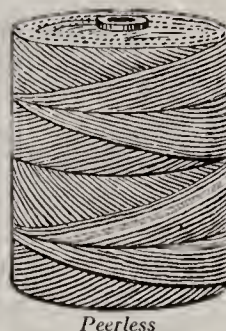
HYACINTH STAKES

(Wood) Dyed Green

	100	1000	5000	10,000
5 inch.....	\$0.15	\$0.75	\$3.50	\$6.50
12 " .....	.25	1.25	6.00	11.50
18 " .....	.35	1.90	9.00	17.00

SQUARE PAINTED PLANT STAKES

	Doz.	100
1½ foot....	\$0.30	\$1.70
2 " ....	.45	2.50
2½ " ....	.60	3.75
3 " ....	.90	6.25
4 "	1.10	8.25
5 "	1.65	12.50
6 "	1.90	14.00



Peerless



Raffiatape



Silkline



Green Sea Island

JAPANESE CANE STAKES

These are very attractive for all purposes of plant staking; thin and very strong.

Feet	100	1000	2000
1½ Green.....	\$0.30	\$2.00	\$3.50
2 " .....	.40	2.50	4.50
2½ " .....	.55	3.50	6.25
3 " .....	.60	4.00	7.50
3½ " .....	.70	4.50	8.50
4 " .....	.85	5.50	10.50
5 " .....	.95	6.25	12.00
6 Natural.....	1.20	8.00	15.00

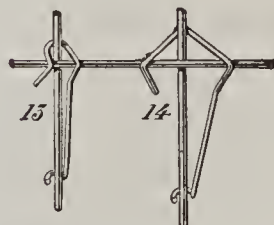
CHINESE TONKIN BAMBOO STAKES

A heavy, substantial stake for Dahlias, Ivy, young trees, etc.

	100	1000
4 ft., ⅜ in. diam.....	\$2.50	\$21.00
6 ft., ⅝ to ¾ in. diam.....	3.75	30.00

STAKE FASTENERS

Everlasting Style. Heavy, \$1.00 per 500 (by parcel post, \$1.10); 1000 for \$1.75 (by parcel post, \$1.90); \$3.50 per 5000; 10,000 for \$16.00. (See illustration No. 14.)

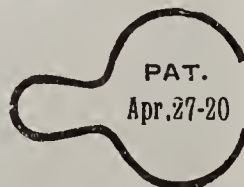


Eureka Style. Light, \$1.50 per 1000 (by parcel post, \$1.60);

5000 for \$7.25 (by parcel post, \$7.45); \$14.00 per 10,000. (See illustration No. 13.)

LIGHTNING WIRE PLANT TIE

Takes the place of twine; can be used more quickly and many times. Per 1000, \$2.00 (by parcel post, \$2.15); \$9.00 per 5000 (by parcel post, \$9.30); 10,000 for \$18.00.



Lightning Tie

POLES FOR TREE PRUNERS

	Each
12 feet long, 1¼ inches diameter.....	\$2.50
14 feet long, 1¼ inches diameter.....	2.75

BAMBOO POLES

	Doz.	100
16 feet.....	\$2.25	\$13.50
18 "	3.00	18.00
20 "	3.50	22.50

TWINES, Etc.

If Twine is wanted by parcel post, add 10c. per lb. for postage.

	Per Ball	Per Lb.
No. 108. White Cayuga Twine. Medium.....	\$0.30	\$0.50
No. 208. White Cayuga Twine. Heavy.....	.30	.50
Jute, 2-ply and 3-ply. 5 lbs., 95c.; \$1.85 per 10 lbs. ....	.12	.20
Linen Bouquet, 3 lbs., \$1.90..	.10	.65
Green Sea Island, 5 lbs., \$2.00	.10	.45
Special White Cotton, 3-ply.	.10	.30
Tarred. For mat making....	.25	
Tarred Sisal. For fodder....		.15
Binder (bale lots, 12c. per lb.)		.18
No. 6. Express. Very heavy..	.20	
No. 4½. Jap. Twine. Medium heavy.....		.20

Green Silkline. F, fine; FF, medium; FFF, coarse; per spool, 30c.; \$2.35 per lb. (8 spools).

Everbest Twine. A green linen thread. Per spool, 20c.; \$1.25 per lb.; 5 lbs., \$5.75; \$11.00 per 10 lbs.

FLORISTS' PEERLESS TWINE

For tying up flower boxes, designs, etc. Very attractive. Color, Nile green; in 1 lb. tubes, 60c.; \$2.85 per 5 lbs.



Raffia

RAFFIA

We make a careful selection of long broad strands for our trade.

Natural Color. 30c. per lb. (by P. P., 40c.); 5 lbs., \$1.40 (by P. P., \$1.55).

Green Raffia. 60c. per lb. (by P. P., 70c.); 5 lbs., \$2.75 (by P. P., \$2.90).

RAFFIATAPE

This article is made of a composition of paper and linen, and is tremendously strong. It is about ⅛-in wide, and is put up in 250-yd. spools or reels. There is no waste, as the reel permits it to be hung from a button hole, and it can be used as needed. Color Nile green. Per bolt of 250 yards, 50c. (by parcel post, 60c.); 6 bolts, \$2.75 (by parcel post, \$2.90).

Parcel Post charges where named are for shipment to the first and second zones; for other zones, please add additional postage

GLAZING POINTS

Peerless Glazing Points. Nos. 1 and 2 for single-thick glass; No. 2½ for double-thick glass; 55c. per 1000 (by parcel post, 65c.); 5000 for \$2.50 (by parcel post, \$2.70).

Pincers. For driving Peerless Points, 90c. per pair (by parcel post, \$1.00).

Siebert's Style Points (Zinc). Three sizes, ⅝, ¾ and 1 inch, 35c. per lb., (by parcel post, 45c.); 5 lbs., \$1.90 (by parcel post, \$2.05); \$3.70 per 10 lbs. (by parcel post, \$3.90).

Zinc Nails, ⅝, ¾ and 1 inch, 30c. per lb. (by parcel post, 40c.); 5 lbs., \$1.35 (by parcel post, \$1.55).



- 1 2 3
No. 1. Peerless.
No. 2. Siebert's.
No. 3. Zinc Nails

WAGON AND AUTOMOBILE HEATERS

These heaters will keep the temperature above freezing in most any ordinary closed vehicle during the severest weather.

No. 10. Lehman. Three drawers (see cut).....\$12.00
Clark's Round Heater..... 3.00

COAL FOR WAGON HEATERS

\$1.10 per 20 brickets; per 100 bricks, \$7.50.



GREENHOUSE WHITE PAINT

Undoubtedly the best and most economical white paint on the market today. Per gal., \$3.25; \$16.00 per 5 gals.; bbl. (about 50 gals.), \$3.10 per gal.

PEERLESS GLASS REPAIR CLAMP

Will not rust; will save lights of glass worth from 40 cents to 50 cents each. Price, \$1.25 per 100 (by parcel post, \$1.35).

DAYLIGHT GLASS CLEANER

For taking off white wash shading, etc. The most powerful cleaner on the market. Apply with a brush, leave on a few minutes and rinse off with cold water.

One gallon will clean about 400 to 600 square feet of glass. Price, per gal., \$2.00; \$9.00 per 5 gals.



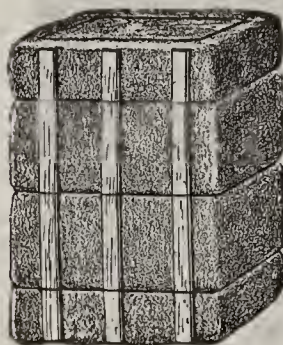
GLAZIT GUN

For applying liquid glazing putty, mastica, etc. Each, \$4.00 (by P. P., \$4.20).



GLAZING CHISEL

Made of fine quality steel. Each, \$1.20 (by P. P., \$1.35).



PEAT MOSS, TORF MULL

(Imported, Granulated)

A moisture retaining humus and an aid for saving soil fertility. It furnishes the needed organic matter which all soils require. An excellent material for spreading on the lawn, mulching in the flower and vegetable garden and especially desirable for the rose bed; used extensively by leading florists for mixing with potting soil, for propagating benches, also for packing bulbs and plants. Price, ¼ size bale, \$1.00; \$2.25 per large bale; 10 bale lots, \$2.00 per bale.

Ask for prices on quantities

All prices subject to market changes

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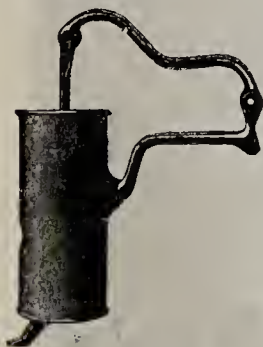


GLASS CUTTERS

- Each
No. 8. Small Diamond. Ebony handle.....\$4.25
No. 8A. Large Diamond. Mahogany handle..... 5.50
Single Wheel. Steel (doz., \$1.50)... .15
6 Wheel. Adjustable..... .35

PUTTY DISTRIBUTOR

The best appliance for distributing putty. Each, \$1.35 (by parcel post, \$1.45).



Mastica Machine



Putty Distributor

MASTICA

Mastica is a prepared putty, which retains its soft qualities for a long while, making it possible to replace broken lights of glass readily. Per gal., \$2.15; \$10.50 per 5 gals.

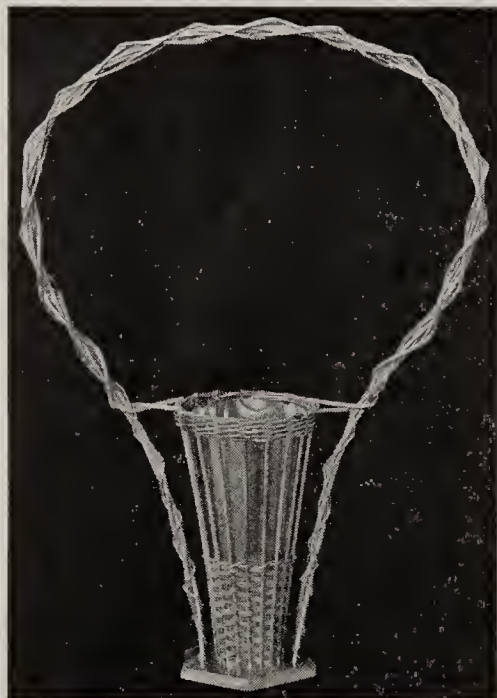
Mastica Machine. Each, \$2.75 (by parcel post, \$2.85).

BLACK GLAZING CEMENT (Masticote)

For waterproofing greenhouse gutters, roofs, etc.; also for making sash bars watertight; gives splendid satisfaction. Apply with a mastica machine. Per gal., \$1.25; \$6.00 per 5 gals.; ½ bbl. (35 gals.), \$1.00 per gal.; bbl. (55 gals.), 90c. per gal.

KEYSTONE LIQUID GLAZING PUTTY

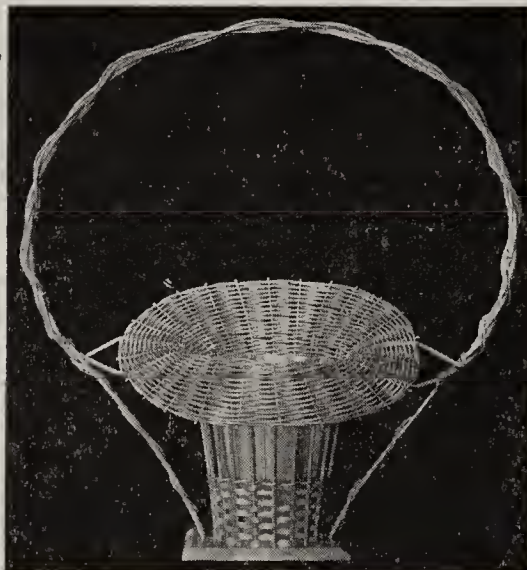
Especially adapted for glazing wood and metal sash; can be applied with a putty bulb or gun, making a perfectly watertight job. Per gal., \$1.75; \$8.25 per 5 gals.; ½ bbl. (about 30 gals.), \$1.55 per gal.; bbl. (about 50 gals.), \$1.40 per gal.



175

FLOWER BASKET

No. 175. 43 in. high; 17 in. deep; 8 in. diam. \$1.50 each; doz., \$17.25.



101

FLOWER BASKETS

No. 101. 24 in. high; 7 in. deep; 6 in. diam. 75c. each; doz., \$8.50.

No. 102. 27 in. high; 9 in. deep; 7 in. diam. \$1.00 each; doz., \$11.50.

No. 103. 36 in. high; 11 in. deep; 9 in. diam. \$1.50 each; doz., \$17.25.

No. 104. 40 in. high; 14½ in. deep; 8½ in. diam. \$1.75 each; doz., \$20.00.



222

FLOWER BASKET

No. 222. 28½ in. high; 9½ in. deep; 6 in. diam. 65c. each; doz., \$7.50.



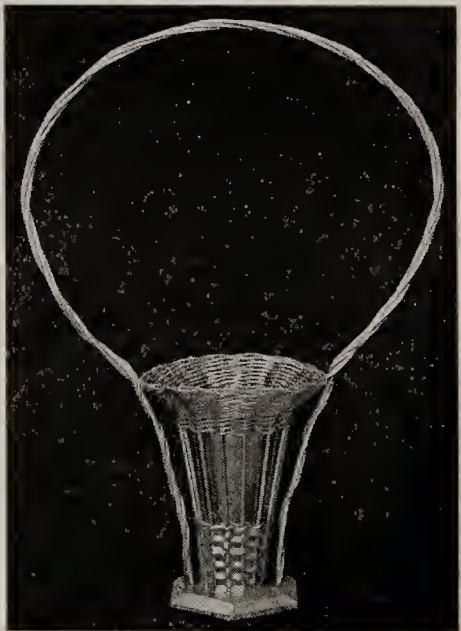
302

FLOWER BASKET

No. 302. 26 in. high; 8 in. deep; 7 in. diam. 75c. each; doz., \$8.50.

**FLOWER BASKET**

No. 113. 32 in. high; 11 in. deep; 9 in. diam. \$1.00 each; doz., \$11.50.

**FLOWER BASKET**

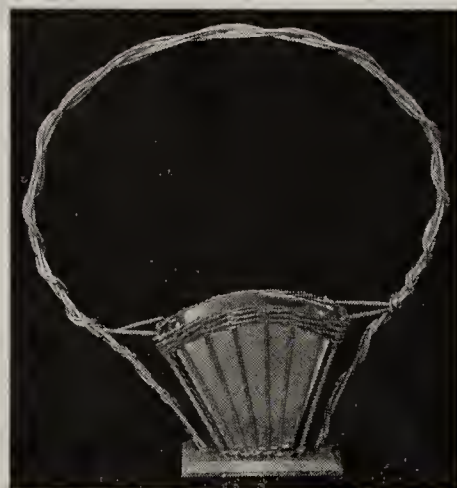
No. 252. 32 in. high; 9½ in. deep; 5½ in. diam. 75c. each; doz., \$8.50.



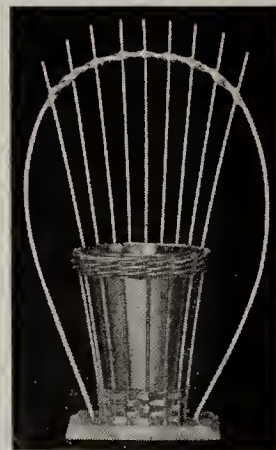
214

FLOWER BASKET

No. 214. 26 in. high; 9 in. deep; 15 in. long. \$1.35 each; doz., \$16.00.

**FLOWER BASKET**

No. 142. 24 in. high; 8½ in. deep; 9 in. long. 5c. each; doz., \$7.50.

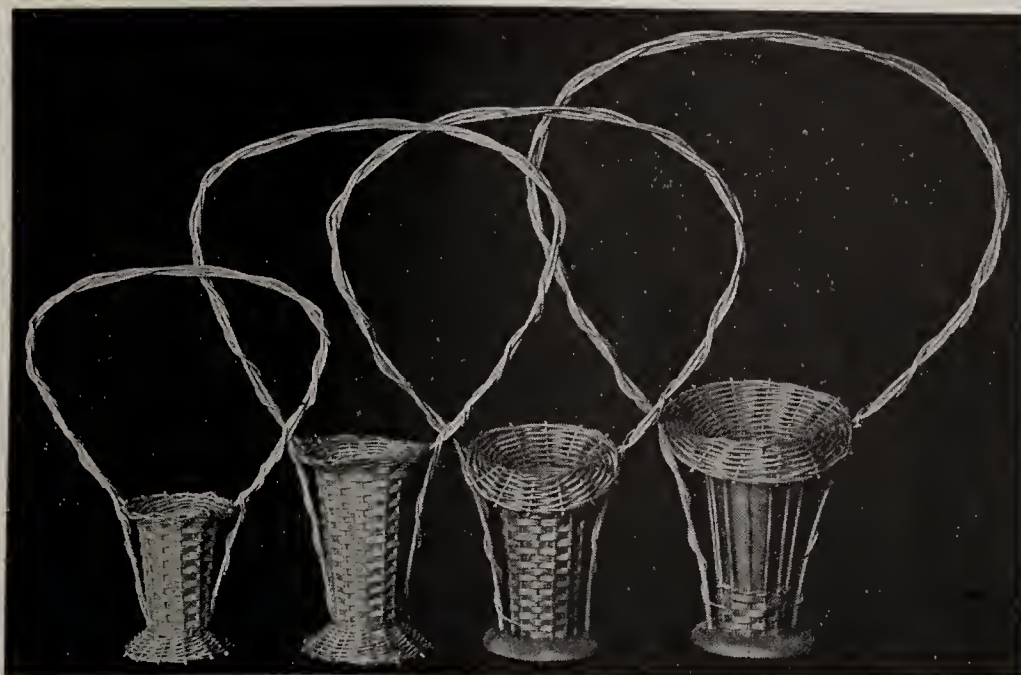


121

FLOWER BASKETS

No. 121. 18 in. high; 7½ in. deep; 6 in. diam. 50c. each; doz., \$5.75.

No. 122. 23½ in. high; 9 in. deep; 7 in. diam. 65c. each; doz., \$7.50.



C/1

C/2

248/3

942/4

FLOWER BASKETS

- No. C/1. 18½ in. high; 7½ in. deep; 5½ in. diam. 50c. each; doz., \$5.75.
No. C/2. 25½ in. high; 10 in. deep; 6½ in. diam. 65c. each; doz., \$7.50.
No. 248/3. 26 in. high; 10 in. deep; 7½ in. diam. 80c. each; doz., \$9.25.
No. 942/4. 30 in. high; 11 in. deep; 9½ in. diam. \$1.05 each; doz., \$12.00.



FLOWER BASKET

- No. 565. 24 in. high; 13 in. long; 6 in. wide; 7 in. deep. \$1.20 each; doz., \$14.25.

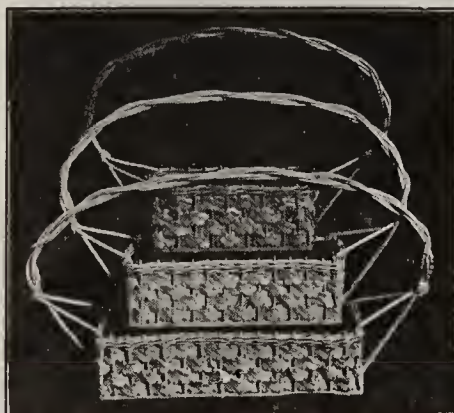


FLOWER BASKET

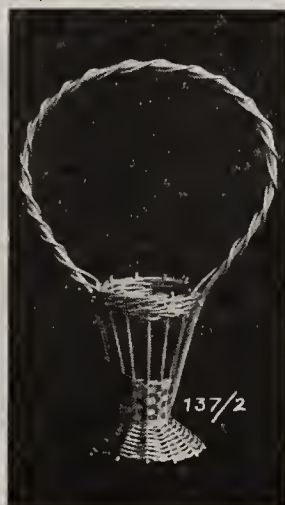
- No. 876/1. 17 in. high; 12 in. long; 8½ in. wide; 6 in. deep. \$1.00 each; doz., \$11.50.

PILLOW BASKETS

- No. 742/1. 18 in. high; 14 in. long; 5 in. wide; 5 in. deep. \$1.10 each; doz., \$12.00.
No. 742/2. 18 in. high; 18 in. long; 6 in. wide; 5 in. deep. \$1.25 each; doz., \$14.50.
No. 742/3. 18 in. high; 21 in. long; 6 in. wide; 5 in. deep. \$1.50 each; doz., \$17.00.



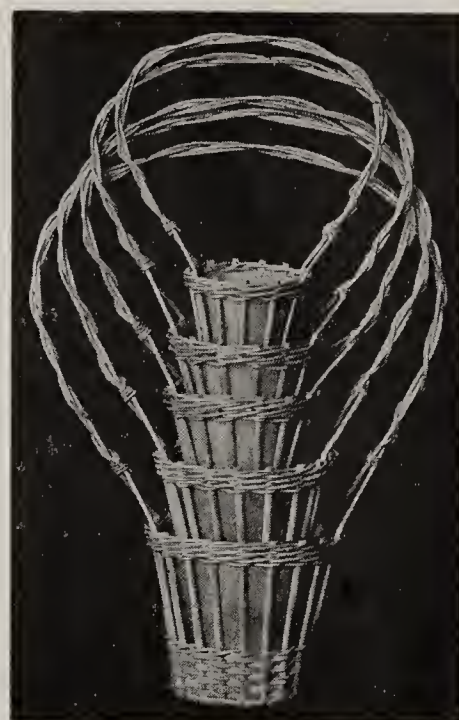
742/1



137/2

FLOWER BASKETS

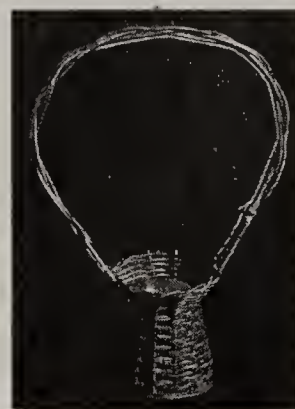
- No. 137/2. 24 in. high; 8½ in. deep; 4 in. diam. 60c. each; doz., \$7.00.
No. 137/3. 27 in. high; 10½ in. deep; 5 in. diam. 85c. each; doz., \$10.00.
No. 137/4. 30 in. high; 13 in. deep; 6½ in. diam. \$1.00 each; doz., \$11.00.
No. 137/5. 34 in. high; 15 in. deep; 7 in. diam. \$1.25 each; doz., \$14.00.



908/4

PLANT BASKETS

- No. 908/4. 17 in. high; 5½ in. deep; 7 in. diam. 60c. each; doz., \$7.00.
No. 908/5. 20 in. high; 6½ in. deep; 8½ in. diam. 80c. each; doz., \$9.25.
No. 908/6. 21½ in. high; 7 in. deep; 8½ in. diam. 90c. each; doz., \$10.25.
No. 908/7. 25 in. high; 8 in. deep; 10 in. diam. \$1.00 each; doz., \$11.50.



158/1

FLOWER BASKET

- No. 158/1. 21 in. high; 6 in. deep; 6 in. diam. 60c. each; doz., \$7.00.



1

FLOWER BASKET

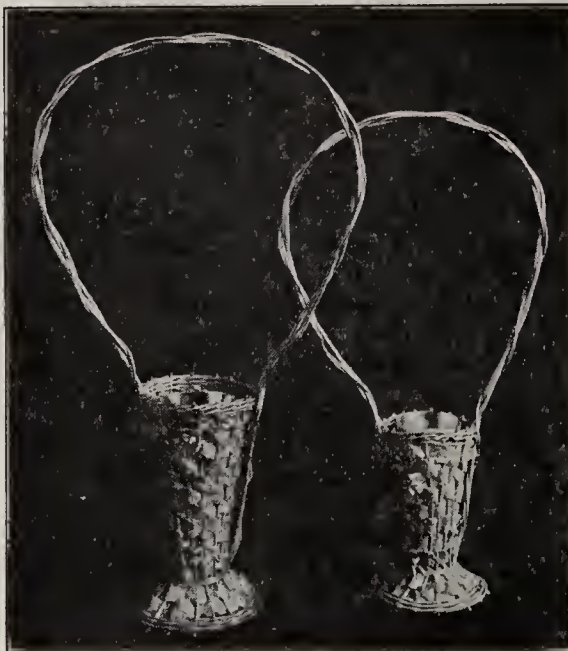
- No. 1. 18½ in. high; 10 in. long; 5 in. wide; 7 in. deep. 75c. each; doz., \$8.75.



901

FLOWER BASKET

No. 901. 30 in. high; 12 in. deep; 7 in. diam. 90c. each; doz., \$10.00.



900/5

900/4

FLOWER BASKETS

No. 900/5. 38 in. high; 13 in. deep; 8 in. diam. \$1.10 each; doz., \$12.50.

No. 900/4. 33 in. high; 10 in. deep; 6½ in. diam. 85c. each; doz., \$10.00.

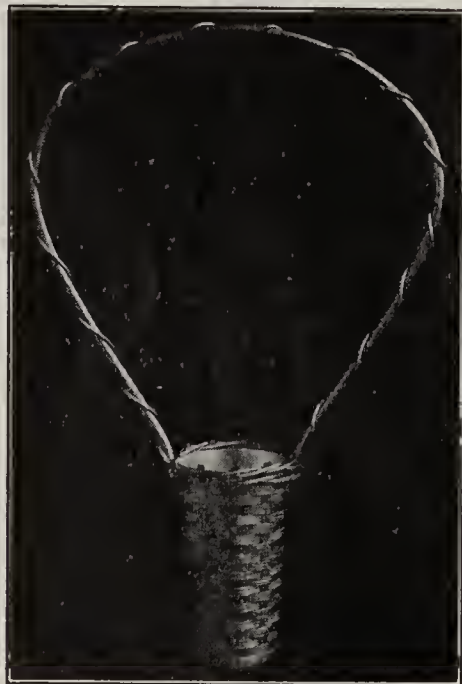


R 133/4

FLOWER BASKETS

No. 133/4. 30 in. high; 11 in. deep; 4¼ in. diam. 95c. each; doz., \$11.00.

No. 133/5. 32 in. high; 13 in. deep; 7 in. diam. \$1.10 each; doz., \$12.00.



23

FLOWER BASKET

No. 23. 24 in. high; 8 in. deep; 5 in. diam. 45c. each; per 100, \$40.00.



101/2

FLOWER BASKETS

No. 101/1. 19 in. high; 7½ in. long; 6 in. wide; 8 in. deep. 65c. each; doz., \$7.50.

No. 101/2. 24 in. high; 8½ in. long; 6½ in. wide; 10½ in. deep. 80c. each; doz., \$9.25.

No. 101/3. 28 in. high; 11 in. long; 8 in. wide; 12 in. deep. \$1.35 each; doz., \$16.00.



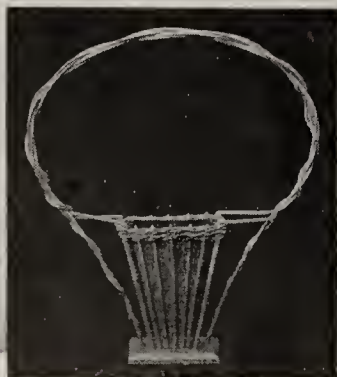
151/3

151/1

FLOWER BASKETS

No. 151/3. 19½ in. high; 7 in. deep; 5 in. diam. 50c. each; per 100, \$45.00.

No. 151/1. 14 in. high; 5½ in. deep; 3½ in. diam. 40c. each; per 100, \$35.00.



2

FLOWER BASKET

No. 2. 23 in. high; 7 in. long; 3 in. wide; 9½ in. deep. 60c. each; doz., \$7.00.



2441

FLOWER BASKET

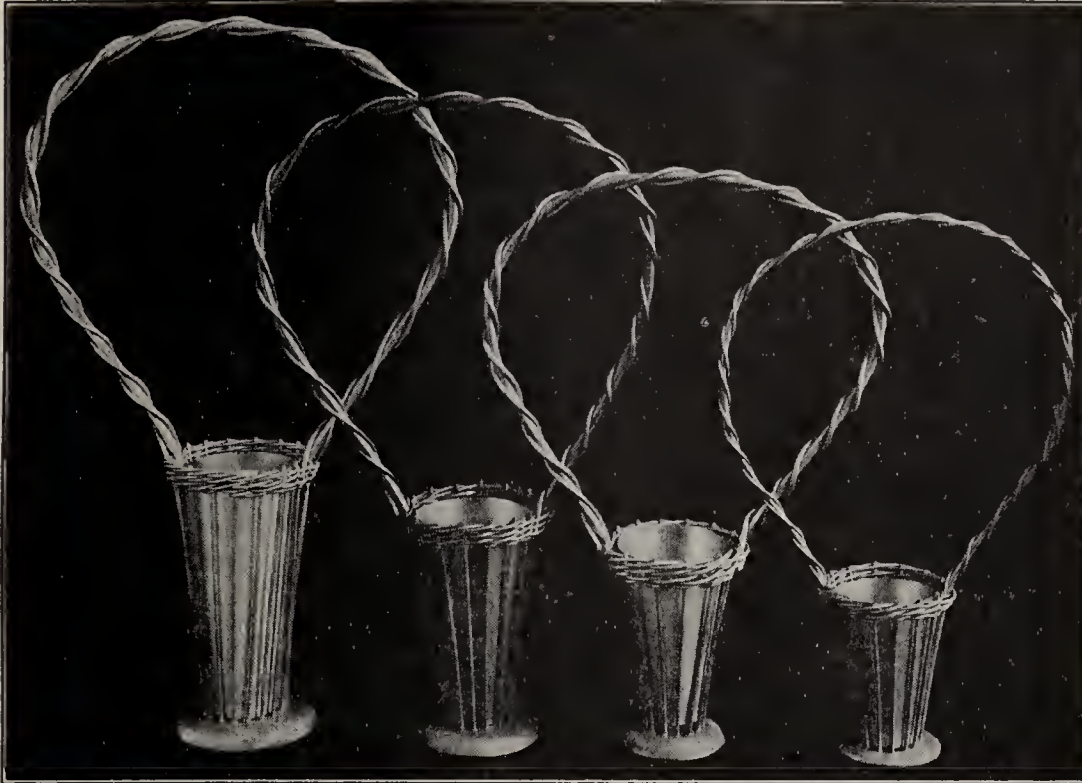
No. 2441. 20 in. high; 6 in. deep; 3½ in. diam. 40c. each; per 100, \$35.00.



26

FLOWER BASKET

No. 26. 17½ in. high; 8 in. long; 6 in. wide; 5½ in. deep. 55c. each; doz., \$6.50.



129/6

129/5

129/4

129/3

FLOWER BASKETS

No. 129/6. 35 in. high; 14 in. deep; 7 in. diam. \$1.05 each; doz., \$12.00.
No. 129/5. 31½ in. high; 12 in. deep; 7 in. diam. 95c. each; doz., \$11.00.
No. 129/4. 28 in. high; 10½ in. deep; 7 in. diam. 75c. each; doz., \$8.50.
No. 129/3. 26 in. high; 9 in. deep; 6 in. diam. 65c. each; per 100, \$60.00.



993

BULB PAN BASKETS

No. 993/6. 22 in. high; 6 in. deep; 8 in. diam. 85c. each; doz., \$9.75.
No. 993/7. 27 in. high; 6 in. deep; 10 in. diam. \$1.05 each; doz., \$12.00.
No. 993/8. 28 in. high; 7 in. deep; 11 in. diam. \$1.35 each; doz., \$15.75.

SPECIAL DE LUXE ASSORTMENT No. 1

This collection is just the thing for the busy florist; the assortment is composed of cut flower and plant baskets, all of our selected "Gold Star" brand, every one a work of art. 25 baskets, assorted colors, some plain and some two-tone. Each basket complete with liner. Price, \$20.00.

SPECIAL LUDLOW ASSORTMENT No. 2

Here is a collection of our "Gold Star" brand baskets that will please the florist who wishes a small collection that will meet every need.

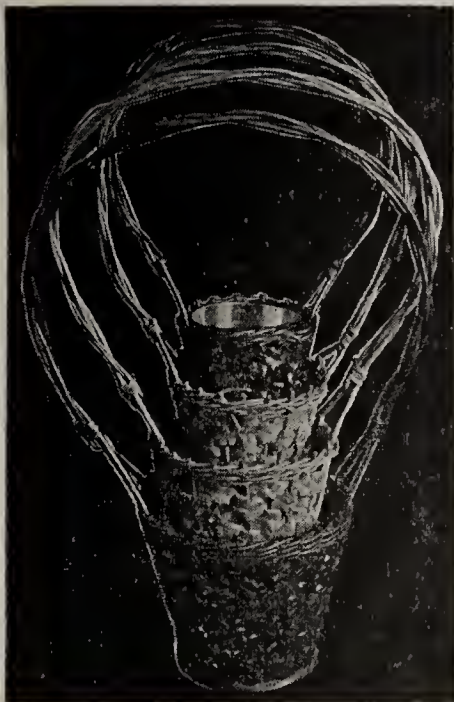
There are 15 baskets in this lot, every one with a liner that won't leak; a beautiful range of colors; you will make no mistake ordering this lot. Price, \$12.00.

SPECIAL GOLD STAR ASSORTMENT No. 3

There are 20 baskets in this assortment, which will meet the requirements of the most critical florist. An excellent combination of Plant and Cut Flower Baskets.

Each basket is complete with liner and the assortment of colors is the most that could be desired. There will be a basket in this assortment to meet every demand that the florist might have. Price, \$15.00.

The baskets which we offer are carefully selected and of the best quality.



906

PLANT BASKETS

No. 906/4. 20 in. high; 6 in. deep; 6 in. diam. 60c. each; doz., \$7.00.
No. 906/5. 23 in. high; 6 in. deep; 7 in. diam. 75c. each; doz., \$8.50.
No. 906/6. 26 in. high; 7 in. deep; 8 in. diam. 85c. each; doz., \$10.00.
No. 906/7. 29 in. high; 8 in. deep; 10 in. diam. \$1.05 each; doz., \$12.00.



996/6

BULB PAN BASKETS

No. 996/6. 20 in. high; 5½ in. deep; 9½ in. diam. 80c. each; doz., \$9.50.
No. 996/7. 21½ in. high; 6 in. deep; 10 in. diam. \$1.00 each; doz., \$11.25.
No. 996/8. 23½ in. high; 6 in. deep; 11½ in. diam. \$1.25 each; doz., \$14.00.

Our baskets are fitted with water-tight tin liners.

*Magnolia Wreath***PLAIN ROUND MAGNOLIA WREATHS**

Made on Mossed Wire

		Each	Doz.
12 inch.	Frame.....	\$0.75	\$8.00
14 inch.	Frame.....	.90	9.50
16 inch.	Frame.....	1.10	12.00
18 inch.	Frame.....	1.35	15.00
20 inch.	Frame.....	1.60	18.00
22 inch.	Frame.....	2.25	24.00
24 inch.	Frame.....	2.75	30.00

**WHEAT SHEAVES**

Extra heavy weight, fluffy stock; made of Selected Bleached Italian Wheat, by expert designers.

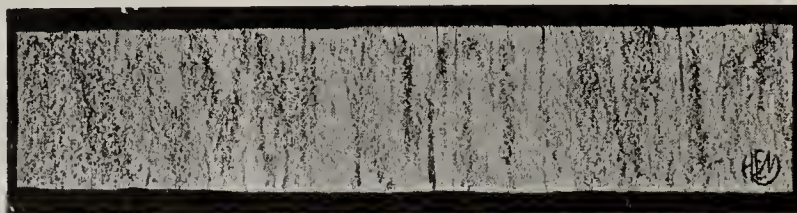
	Each	Doz.
No. 1.—15½ inch, flat.....	\$0.50	\$5.00
No. 2.—17 inch, flat.....	.60	7.00
No. 3.—19 inch, flat.....	.75	8.75
No. 4.—22 inch, flat.....	1.00	11.00
No. 5.—24 inch, flat.....	1.25	14.00

**OAK LEAF SPRAYS**

Natural preserved, long sprays for decorative work; colors, red, brown and green. 25 lbs., \$5.50; \$10.00 per 50 lbs.; 100 lbs., \$18.00.

CARTON OAK

Small oak twigs, especially adapted for wreath, wreathing or basket work. Colors, red, brown and green. 5 lbs., \$1.50; \$6.00 per 25 lbs.

*Birch Bark***BIRCH BARK**

For use in covering window boxes and for baskets and decorations. Comes in sheets from 18 to 24 inches in width, runs about 10 feet long, weighs from 2 to 4 lbs. to the sheet.

1 lb.....	\$0.30	10 lbs.....	\$2.25
5 lbs.....	1.35	100 lbs.....	20.00

RED CEDAR BARK

For covering window boxes, baskets or any other article. Per sq. ft., 12c.; \$2.25 per 25 sq. ft.; 50 sq. ft., \$4.00.

**HANSON
HANDY HANDLE**With the
Saw Tooth Grip

Fits any size flange. Colors: lavender, pink, blue, yellow, purple, Nile green, red and green. Price, double wound in reed, \$3.25 per doz.; per 100, \$25.00.





JARDIERS (New Style)

Colors: Green, Ivory, Lavender and Yellow.

	Doz.	100
4-in. for pots.....	\$2.00	\$14.00
6-in. for pots.....	2.50	16.00
6-in. for bulb pans.....	2.00	14.00
7-in. for bulb pans.....	2.50	17.00
8-in. for bulb pans.....	2.75	20.00
9-in. for bulb pans.....	3.25	23.00

JARDIER VASE

Most practical vase made; unbreakable; waterproof; made of laminated cellulite; beautiful green and ivory tones. Per doz., \$2.50; \$20.00 per 100.

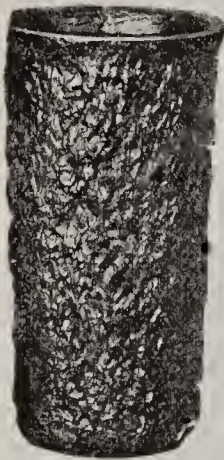


Metolit Vase

METOLIT FLOWER VASES

Furnished in many attractive designs, with body in assorted colors of old rose, baby blue, ivory, green, gold, etc.; inside and bottom finished in old gold baked enamel.

No.	Diam.	Depth	Doz.
6	4 in.	7 5/8 in.	\$1.75
10	6 in.	9 3/4 in.	2.50



EMPECO JARDINIERE

PEACOCK DESIGN

Manufactured of heavy metal, attractively decorated; the inside is treated with rust-resisting lacquer.

No.	Size of Pot	Each	Doz.
140	4 inch	\$0.35	\$3.50
150	5 inch	.45	4.00

FIBEROC ICE BOX VASE

Made of pulp fibre. Color, walnut and mahogany with gold trim.

Size	Height	Top diam.	Each	Doz.
A.....	8 1/2 in.	8 1/4 in.	\$0.70	\$7.50
B.....	15 in.	6 in.	.85	9.00

Empeco METAL JARDINIERS



PERMO POT COVERS

The New Pot Cover

Made of cardboard; four different designs; very attractive.

	Per 100	Per 1000
4-inch.....	\$3.00	\$25.00
5-inch.....	4.00	35.00
6-inch.....	4.50	40.00

CREPE PAPER

(Papyrus Brand). Of domestic manufacture; the best crepe paper on the market; waterproof, heavy and strong; why experiment with inferior paper. In moss green, Nile green, red, blue, pink, yellow, purple, lavender and white. 35c. per roll; \$3.50 per doz.; per 100, \$25.00.

GRASS MATS OR RUGS

Made of Green Raffia on heavy burlap; they closely resemble real grass. Used extensively for store and window trim and in other decorative work. Size 36 x 72 inches. \$4.00 each; per doz., \$45.00.

VACUUM FLOWER HOLDER

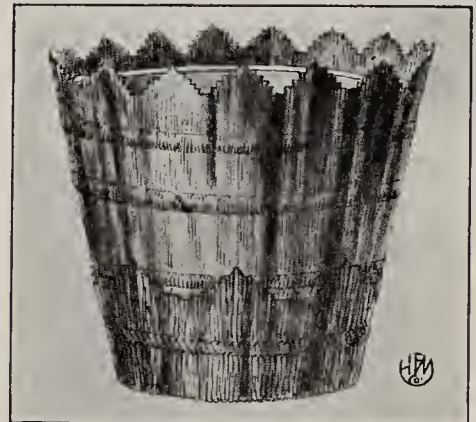
Made of metal, round shape, with square wire mesh dome. Finished in green bronze, with rubber vacuum cup in bottom, which prevents tilting over, when long stemmed flowers are used. A great seller for the florist.

No.	Size	Each	Doz.
No. 1.	Small size.....	\$0.30	\$3.00
No. 2.	Medium size.....	.40	4.00
No. 3.	Large size.....	.50	5.00

FLOWER VASES (Galv. Iron)

No.	Top Diam.	High In.	Bottom Diam.	Each	Doz.
65	7 1/2	8	6 1/2	\$0.45	\$4.75
66	9	10	7 1/2	.60	6.00
67	9	11 1/2	7 1/2	.70	7.00
68	9	12 1/2	7 1/2	.85	8.25
69	9	18	7 1/2	1.00	10.00
70	9	24	7 1/2	1.40	13.50
253	5	10	3 3/4	.45	4.25
254	5 1/2	11	4 1/2	.50	4.75
255	6 1/2	12	5 1/2	.60	6.00
257	6 1/2	15	4 1/2	.75	7.25

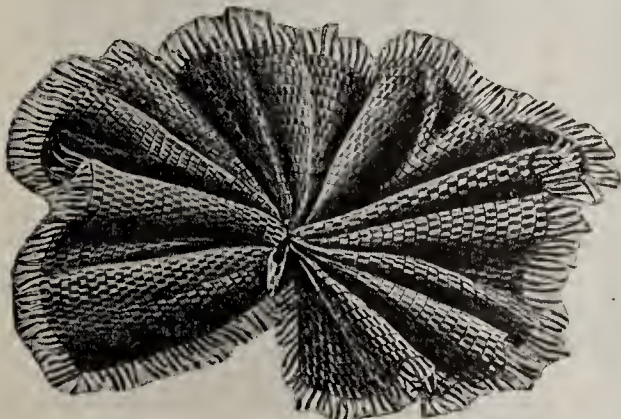
Galvanized Flower Vase



PAPER POT COVERS

Made of waterproof crepe paper; easily adjusted; colors: Green, Red, Pink, Blue and Purple.

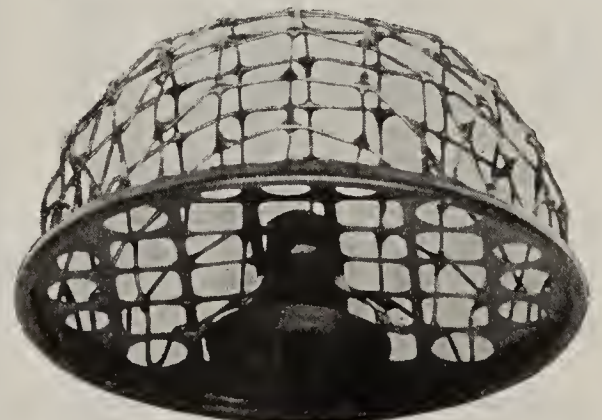
No.	Size Pot	Price Per 100
1.	4 inch.....	\$4.25
2.	5 inch.....	4.50
3.	6 inch.....	5.50
4.	7 inch.....	7.50
5.	8 inch.....	9.00



Japanese Mat

JAPANESE MAT (For Pot Covers)

Assorted colors, plain, or two-tone colors. Doz., 55c.; \$4.00 per 100; per 1000, \$35.00.



Vacuum Flower Holder

**RUSCUS**

Green (Painted). Per lb., 50c.; 10 lbs., at 45c. per lb.; 100 lbs., \$40.00.

Green (Dyed). 80c. per lb.; 10 lbs. at 75c. per lb.; 25 lbs. at 70c. per lb.; 100 lbs., \$60.00.

Christmas Red. Per lb., 80c.; 10 lbs. at 75c. per lb.; 25 lbs. at 70c. per lb.; 100 lbs., \$60.00.

Two-toned. Per lb., \$1.00; 5 lbs. at 90c. per lb.

Metallic (Assorted). Per lb., \$1.00; 10 lbs. at 90c. per lb.



Adiantum, or Maiden Hair Fern

ADIANTUM, OR MAIDEN HAIR FERN

	Per 100
Small.....	\$4.00
Medium.....	5.50
Large.....	7.00
Broken Adiantum. Per lb., \$2.00; \$17.50 per 10 lb. carton.	

PREPARED ASPARAGUS

The natural sprays chemically treated and preserved.

	Per 100
Small, 15 in. long.....	\$5.00
Medium, 24 in. long.....	7.00
Large, 30 to 36 in. long.....	9.00

ASPARAGUS TIPS

Selected quality; valuable between artificial flowers, bouquets and wreaths. \$2.00 per lb.



Statice

STATICE

Natural. Per lb., 60c.; 10 lbs. at 50c. per lb.; 25 lbs. at 48c. per lb.; 100 lbs., \$45.00.
Colored (assorted colors dyed) Blue, green, pink, purple and lavender. \$1.00 per lb.; 5 lbs., at 90c. per lb.; 10 lbs. at 80c. per lb.

Special prices on case lots.

GYPSOPHILA OR BABY'S BREATH

For basket or wreath work. Per bunch, 75c.; \$8.50 per doz. bunches.

CAPE FLOWERS

(About 1000 to a lb.)

Used considerably in funeral work, taking the place of carnations.

Natural. \$1.25 per lb.

Dyed. Colors, red, green, pink, blue, purple, orange and mixed. \$2.00 per lb.



Cat Tails

CAT TAILS

	Per 100	Per 1000
Natural.	\$2.00	\$18.00
Tinted, all colors.	2.50	

LYCOPodium

(Prepared and Dyed) **Green**

Lb.....	\$0.35	10 lbs.....	\$2.75
5 lbs.....	1.50	25 lbs.....	6.00
100 lbs.,	\$20.00		

**THISTLES**

Plain, tinted and polychrome. In cartons containing an assortment of these colors. Per carton of 100, \$2.25; \$20.00 per 1000.

**LOTUS PODS**

Very effective for basket, vase or wreath (without stems, 100 to a carton).

Two-toned, per 100.....\$6.50

**MOON BLOSSOMS, OR POPPY HEADS (Large)**

	Per 100	Per 1000
Assorted colors	\$2.00	\$16.00



NEW PHILLY FERN PIN

A distinct achievement of real value to every florist.

Easier to push in place.

Easier to handle.

Easier on the fingers.

The Bend Holds the Leaves Firmly

No danger of leaves breaking loose as with the old-style pin. The S-shaped top presses securely on the leaf and the leaf stays where you put it.

And they cost no more than ordinary pins

\$2.00 per 10 lb. box.

\$19.50 for 10 boxes.

\$19.00 per 100 lb. carton.

Illustration shows the Philly Pin when on leaf. Notice how flat it lays and the firm hold it takes.

GREENING OR FLORISTS HAIR PINS

Save valuable time in making designs. Price, \$1.90 per 10 lb. box.

CORSAGE PINS

The finest indestructible, domestic bouquet, and corsage pin made. Colors: Violet, Pink, Red, Green, Pearl and White.

	Per Gross
No. 020. 2-inch.....	\$1.75
No. 020. 2½-inch.....	1.75
No. 020. 3-inch.....	1.75
No. 022. 2-inch.....	2.00
No. 022. 2½-inch.....	2.00
No. 022. 3-inch.....	2.00
No. 022. 4-inch.....	2.00
No. 024. 2-inch.....	2.00
No. 024. 2½-inch.....	2.00
No. 024. 3-inch.....	2.00
No. 024. 4-inch.....	2.00
No. 15. 4-inch.....	2.25
No. 15. 5-inch.....	2.25



Cycas Leaves

CYCAS LEAVES (Green)

	Per 10	Per 100
6/ 8 inch.....	\$0.25	\$2.25
8/12 inch.....	.30	2.50
12/16 inch.....	.35	2.75
16/20 inch.....	.40	3.00
20/24 inch.....	.45	3.50
24/28 inch.....	.60	4.00
28/32 inch.....	.70	5.00
32/36 inch.....	.85	6.00
36/40 inch.....	1.00	8.00
40/44 inch.....	1.10	9.00
44/48 inch.....	1.25	10.00

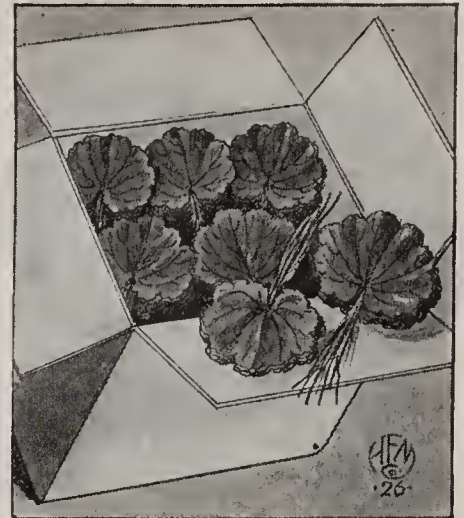
CYCAS LEAVES (Metallic)

	Per 10	Per 100
8/12 inch.....	\$0.45	\$4.00
12/16 inch.....	.55	5.25

Prices for larger quantities of Cycas Leaves on application.



Corsage Pins



Galax Leaves Prepared

GALAX LEAVES (Prepared)

(2000 in carton).

	Per 1000	Per Carton
Green.....	\$1.75	\$3.25
Brown.....	1.75	3.25

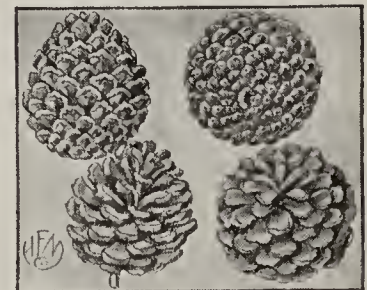


MAGNOLIA LEAVES

Extra selected grade (Dux Brand).

We can supply these in green, bronze or brown and purple, and of extra fine quality.

Standard cartons.....	\$1.50
10 cartons.....	14.50
50 lb. cases.....	8.50
100 lb. cases.....	16.00
Red leaves, per carton.....	1.60

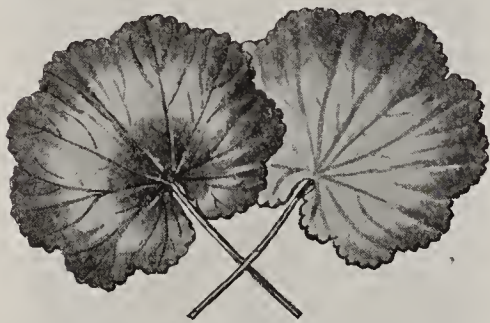


PINE CONES

(Assorted Colors) 100 in carton. Small, \$2.00 per 100; Medium, \$3.00 per 100; Large, \$5.00 per 100.

ARTIFICIAL LEAVES

High grade leaves for stemming or design work.



GALAX LEAVES

	Per Gross
Brown.....	\$0.60
Green.....	.60
White.....	.60
Fancy.....	.65



MAPLE LEAVES

	Per Gross
Green.....	\$0.65
White.....	.65
Fancy.....	.75



ROSE LEAVES

	Per Gross
Green; large size.....	\$0.45
Green; small size.....	.35
Shaded; large size.....	.75
Shaded; small size.....	.40

ARECA PALM LEAVES
(Prepared)

New crop of excellent quality.

	Bundle of 25	100
18/24.....	\$2.00	\$7.00
24/30.....	2.25	8.00
30/36.....	2.75	10.00
36/42.....	3.25	12.00

ARTIFICIAL FLOWERS (Crepe)

Suitable for wreaths and design work; best quality imported and domestic grades



APPLE BLOSSOMS

No. 300. Per gross.....\$1.75

ASTERS

No. 19. Pink, Lavender, White.
Per 100.....\$3.00

CORNFLOWERS

(Bachelor's Buttons)

No. 389. Per gross, \$1.00.



DAISIES

No. 361. White, Yellow, Coral.
Per gross.....\$1.50

HYACINTHS

No. 110. White, Pink, Lavender.
Per gross.....\$2.50

NARCISSUS

No. 344. Pink, White, Yellow.
Per gross.....\$1.50

ARTIFICIAL VINES

In green and Fall shades.

Ivy Maple
Grape Oak

Come in yard lengths and packed 12
sprays to the bundle.
Per dozen.....\$1.25
Per gross.....13.50



FORGET-ME-NOTS

No. 400. Blue. Per gross, \$1.25.



LILY OF THE VALLEY

No. 500. White. Per gross, \$1.25.

ORCHIDS

No. 25. Lavender, Pink, White with
lavender center. Per 100, \$4.00.

PANSIES

No. 5. Lavender, Purple, Yellow, Lavender
and White. Per 100, \$1.25.

POETICUS

No. 105. White, Pink, Lavender.
Per gross.....\$1.75

ROSES

No. 47. Pink, White, Lavender, Tinted,
Yellow, Ward, Red, Pink Tint.
Per 100.....\$2.50

RAMBLER ROSES

No. 289. Pink, White. Per gross, \$2.25.

BOOKS FOR THE FLORIST

Chrysanthemum Culture (White)	\$2.00
Commercial Floriculture (Bahr)	5.50
Floral Art. Book of designs.....	1.25
Greenhouse Construction (Wright)	2.00
Landscape Gardening (Cridland)	2.50
Handbook of Plants (Henderson)	3.50
Plant Propagation, Greenhouse and Nursery Practice (Kains)	2.25
Sweet Pea Culture (Unwin)	2.00

WAX FLOWERS

Finest quality, heavily waxed.



CALLA LILIES

	25 to a box	Doz.	100
No. 1.	Small size.....	\$0.40	\$3.00
No. 2.	Large size.....	.50	3.75



CHRYSANTHEMUMS

	Lavender, Pink, White and Yellow. 100 to a box.
Per 100.....	\$3.00
Per 1000.....	25.00



ROSES

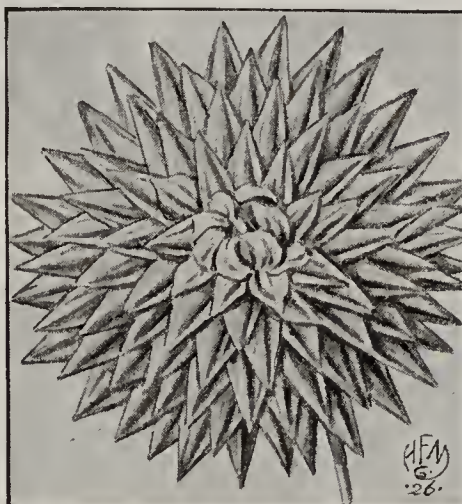
Golden Gate, Pink and White; 100 to box.

	Per 100
No. 1.	Small size.....\$1.60
No. 2.	Medium size..... 2.15
No. 3.	Large size..... 2.85
No. A.	Special size; tight blossom.... 2.25



CARNATIONS

Pink and White; 100 to a box.
Per 100, \$1.75; \$15.00 per 1000.



DAHLIAS

	Lavender, Pink, Purple, Red, White and Yellow. 100 to box.
Per 100.....	\$2.75
Per 1000.....	22.00



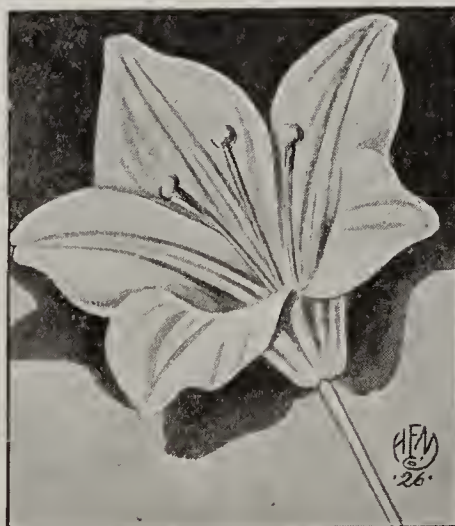
SWEET PEAS

Lavender, Pink or White; 500 to box.
Per 100, 55c.; \$5.00 per 1000.



CAPE FLOWERS (Paper)

Blue, Lavender, Pink, Red and White.
2000 to box.
Per 1000.....\$3.50



EASTER LILIES

Lavender or White; 100 to box.
Per 100, \$3.50.

NATURAL FLOWER DYE

For tinting fresh cut flowers by absorption through the stem. Yellow, Pink, Red, Blue, Violet, Orange, St. Patrick's Green. Any species of flower which absorbs moisture readily may be used. Directions on each package. Price, 50c. per pkg.

See pages 84 to 87 for complete line of Flower and Plant Baskets.

Felt Clock Dials



Colors: White and purple and white and gold.

	Each	Doz.
4 inch.....	\$0.35	\$3.50
7 inch.....	.50	5.50
10 inch.....	1.00	10.50

AMERICAN LEGION
DESIGNS

Blue with gold lettering and trimming.

	Doz.
7½ in.....	\$9.00
11 in.....	13.50

SCRIPT LETTERS

Either in Gold or Purple.

Per 10, 30c.; \$2.50 per 100; per 1000, \$20.00

Ten words to each package and not less can be supplied.

Father	Husband	Nephew	My	Cousin	Daughter	Beloved	Grandmother	Welcome
Mother	Aunt	At Rest	Asleep	Playmate	Darling	Family	Grandfather	Friend
Brother	Uncle	Son	Baby	Peace	Dear	Classmate	Sympathy	Home
Sister	Comrade	Our	Sleeping	Niece	Success	Good Luck	Too Soon	Wife



Greenhouse Stand

KIFT'S PREMIER
GREENHOUSE STAND

Adjustable to hold 8, 9 or 10 inch pots, pans or tubs; 28 inches high. \$1.50 each; doz., \$17.00; \$125.00 per 100.

LETTERS FOR DESIGN WORK



No. 6



No. 4

No. 6. Gold only; per 100, 40c.; per 1000, \$2.50.

No. 4. ¾ inch, gold only; per 100, 40c.; per 1000, \$2.75. Also numerals at the same price.



No. 1

No. 1. 1¼ inch, gold only, per 100, 50c.; per 1000, \$3.00; Also numerals at the same price.



SINGLE FEATHERS

Used in the making of bridal and corsage bouquets; all colors.

Per 100.....	\$4.00
Per 1000.....	30.00

GOLD STAR BRAND
FEATHER SHOULDER SHIELDS

No. 104. All colors.

Per dozen.....	\$2.25
Per gross.....	25.00

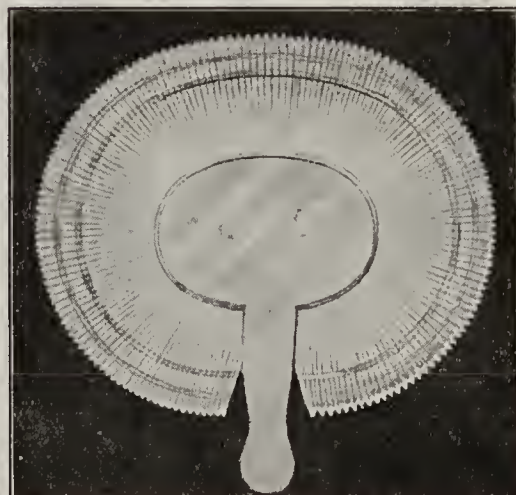
FEATHER WRIST SHIELDS

No. 105. With rubber band and ribbon for tying flowers on; all colors.

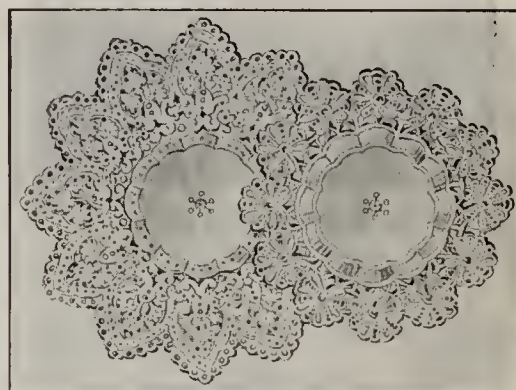
Per dozen.....	\$2.50
Per gross.....	29.00

No. CORSAGE SHIELDS Doz.

101. Chiffon, no ribbon.....\$2.00



Corsage Shield No. 101

PAPER BOUQUET
SHIELDS (White)

Made of lace; put up in pkgs. of 1 doz. each.

No.	Width of Bowl	Width of Holder	Doz.	Gross
1	1½ in.	3½ in.	\$0.40	\$4.25
2	2½ in.	4½ in.	.50	5.00
3	2½ in.	5½ in.	.60	5.50
4	3½ in.	8 in.	.70	7.50
5	3½ in.	9¼ in.	.85	9.00
6	5 in.	11 in.	1.00	10.00

SHOULDER SHIELDS

Chiffon Edge Shield, in all flower shades.

No.	Doz.	Gross
No. 103-A.....	\$2.00	\$20.00

WRIST SHIELDS

No. 103. With rubber band, chiffon edge; all shades.

Per dozen.....	\$2.00
Per gross.....	20.00



Picot Edge Shower Ribbon

PICOT EDGE SHOWER RIBBON

Pattern 3013

A dainty shower ribbon with picot edges; delicate yet firm. Colors, White, Pink, Lavender, Blue, Nile and Ward. Put up in 50-yard pieces.

Price per piece, \$1.00; 12 piece lots, at 90c. per piece.

PLAIN EDGE SHOWER RIBBON

Same as above, excepting with plain edge, colors the same.

50-yard pieces, \$1.00; 12 piece lots at 90c. per piece.

BABY RIBBON

For tying cards, etc. 50-yard spools. Each, 70c.

METALLINE OR NEW YORKER

This is a distinct novelty in ribbons and where something unusual is desired for flower pieces it fills the bill. All colors and color combinations, including tricolor.

2 in. wide, per yd., 5c.; 12 piece lots, 4¾c. per yd.

6 in. wide, per yd., 6c.; 12 piece lots, 5¼c. per yd.

GLORIETTA RIBBON

A beautiful metalline gauze, exceptionally attractive; ideal for wedding and reception work; all colors to match any flowers. 6 inches wide, 40 yds. to bolt.

Per yd., 6c.; 12 bolt lots, 5½c. per yard.

SPADE ACE

(Metalline)

An unusually high grade metalline with attractive border, woven edges; in all the popular colors. Especially adapted for high grade work and will increase the value of any piece. 8 inches wide, 40 yds. to piece.

Per yd., 15c.; 12 piece lots, 14½c. per yd.

PLANTYE

(Width, Number 5)

An unusually attractive ribbon, made in all colors, including tricolor and margined with silver. Where a better grade of pot tie ribbon is required, this number will fill the bill. 50-yd. bolts, 65c.; 12 bolt lots at 60c. per bolt.



METALLINE OR ELEPHANT GAUZE

Molsture Proofed by the Allenosgo Process

The most practical Metalline Gauze we have yet seen. It has a beautiful lustre and is so finished it will make a bow that will hold its shape when tied and reach its destination in good condition. Colors: White, Pink, Blue, Yellow, Nile, Lavender, Violet, Purple, Ward, Gray, Moss and Premier. All pieces on 40-yd. bolts. Single piece lots, 4c. per yd.; 12-piece lots, 3½c. per yd.

CHENILLE

PLAIN WORSTED

Comes 12 yds. to a piece. Colors: Purple, Red and White. Large size, per piece, 50c.; \$5.50 per dozen pieces.



Dandy Lion Metalline

DANDY LION METALLINE

Molsture Proofed by the Allenosgo Process

A superior quality, fit for the best work. Colors: White, Pink, Lavender, Violet, Purple, Pernet, Nile, Blue, Scarlet, Gray, Premier, Ward, Bermuda, Laurel, Autumn, Hyacinth, Hortensia and Goldye. Put up in 40-yard pieces.

4-in. wide, per yd., 5c.; 12 piece lots, 4½c. per yd.

6-in. wide, per yd., 5½c.; 12 piece lots, 5c. per yd.



CHIFFON

In bolts averaging 40 yds. long. White, Pink and Lavender.

	Per bolt	12 bolts
4-inch.....	5¼c. per yd.	4¾c. per yd.
6-inch.....	5½c. per yd.	5c. per yd.

CHIFFON (Lily of the Valley)

White, Pink and Lavender, with Valley design; width, 6 inches; 40-yd. pieces only. Per yd., 7c.; 12 piece lots, at 6½c. per yd.



Reversible Taffeta Corsage Ribbon

REVERSIBLE TAFFETA CORSAGE RIBBON

Pattern 3106

A firm quality of taffeta ribbon that can be used on any quality of corsage. Colors: White, Pink, Blue, Yellow, Nile, Ward, Ophelia, Columbia, Lavender, Violet, Orchid, Bronze and Moss. Put up in 10-yd. bolts; 75c. per bolt; 12 bolt lots, at 70c. per bolts.

NEW IDEA FIBRE

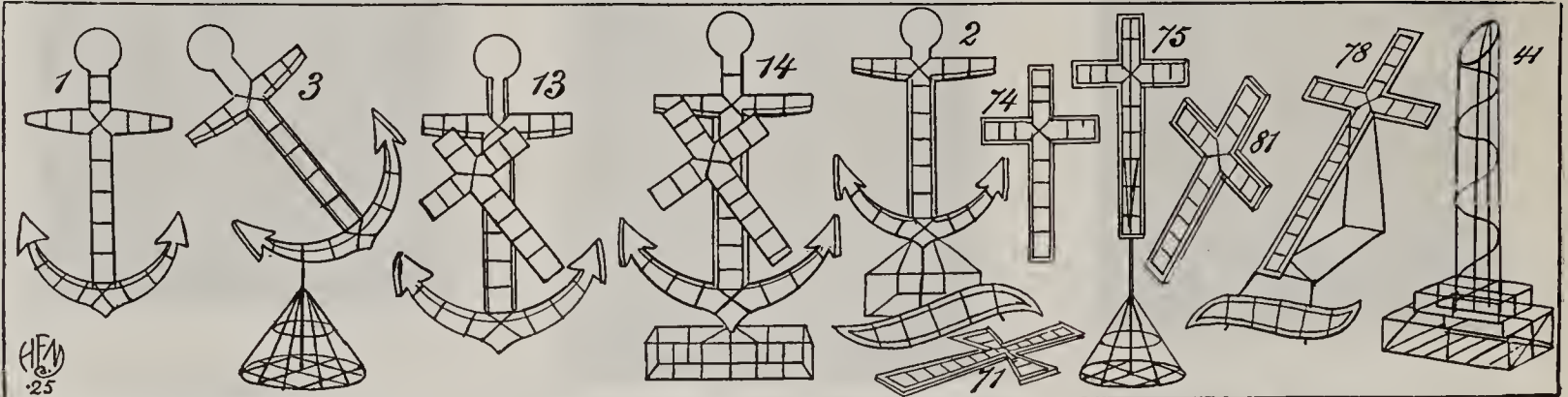
The finest quality pure silk fibre ribbon; can be used effectively for hours on baskets or plants. Colors: Red, Moss, Green, Lavender, Pink, Purple and White.

No. 5. 1 inch wide; in pieces of 50 yds. \$1.25 per piece; 6 pieces for \$7.00.

MICHELL'S WIRE DESIGNS

Our Wire Designs are Carefully and Substantially Made
When ordering please state Number and Size

We make a slight charge at actual cost for packing Wire Designs, on account of the small profit at which they are sold.



ANCHORS—FLAT

No. 1

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
10	\$0.20	\$2.00	\$3.75	20	\$0.45	\$4.75	\$8.40
12	.25	2.45	4.40	22	.50	5.65	10.00
14	.30	2.85	5.10	24	.60	6.60	11.80
16	.35	3.40	6.10	30	1.40	15.10	27.00
18	.40	3.80	6.75	36	2.25	23.60	42.15

ANCHORS ON BASE

No. 3

STANDING ANCHORS

Measure not including base.

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
10	\$0.30	\$3.40	\$6.00	20	\$0.70	\$7.55	\$13.50
12	.35	3.75	6.75	22	.90	9.45	16.85
14	.45	4.75	8.45	24	1.15	12.25	21.90
16	.55	5.65	10.10	30	1.80	18.90	33.75
18	.65	6.60	11.80	36	3.00	31.15	55.65

ANCHOR AND CROSS

No. 13

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
12	\$0.20	\$2.25	\$4.00	21	\$0.45	\$4.75	\$8.45
15	.30	2.85	5.00	24	.55	5.65	10.10
18	.35	3.40	6.00				

ANCHOR AND CROSS STANDING

No. 14

Measure not including base.

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
12	\$0.40	\$4.15	\$7.40	21	\$0.70	\$7.50	\$13.50
15	.45	4.70	8.45	24	.90	9.45	16.85
18	.60	6.60	11.80				

ANCHOR ON RECLINING STAND

No. 2

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
12	\$0.55	\$5.65	\$10.10	20	\$0.90	\$9.45	\$16.85
14	.65	6.60	11.80	22	1.20	12.25	21.95
16	.70	7.55	13.50	24	1.50	16.00	28.70
18	.80	8.50	15.20				

BROKEN COLUMN

No. 41

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
12	\$0.40	\$3.80	\$6.75	30	\$0.90	\$9.45	\$16.85
15	.45	4.75	8.40	33	1.00	11.00	21.25
18	.50	5.65	10.00	36	1.25	14.25	26.00
21	.55	5.70	10.10	39	1.40	15.10	27.00
24	.70	7.55	13.50	42	1.50	16.00	28.70
27	.80	8.50	15.20				

CRESCENT

No. 58

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
8	\$0.15	\$1.50	\$2.70	18	\$0.40	\$3.80	\$6.75
10	.20	1.90	3.35	20	.45	4.15	7.40
12	.25	2.25	4.00	22	.50	4.70	8.45
14	.30	2.85	5.00	24	.55	5.65	10.00
16	.35	3.40	6.00				

CROSSES (Flat)

No. 74

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
12	\$0.14	\$1.35	\$2.40	24	\$0.26	\$2.65	\$4.70
14	.16	1.50	2.70	26	.28	2.80	5.00
16	.18	1.70	3.05	28	.30	3.40	6.10
18	.19	1.90	3.40	30	.35	3.80	6.75
20	.20	2.05	3.75	32	.45	4.70	8.45
22	.22	2.25	4.00	34	.55	5.65	10.10

CROSSES ON STAND

No. 75

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
10	\$0.30	\$2.85	\$5.00	22	\$0.70	\$7.55	\$13.50
12	.35	3.40	6.00	24	.80	8.50	15.20
14	.40	3.80	6.75	26	.90	9.45	16.85
16	.45	4.70	8.45	30	1.25	13.25	23.60
18	.55	5.65	10.10	36	1.80	18.90	33.75
20	.65	6.60	11.80				

CROSSES, FLAT SLANTING

No. 81

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
12	\$0.15	\$1.50	\$2.70	22	\$0.35	\$3.40	\$6.00
14	.20	1.70	3.00	24	.40	3.80	6.75
16	.20	1.90	3.35	26	.45	4.70	8.45
18	.25	2.25	4.00	30	.50	5.30	9.45
20	.30	2.85	5.00	36	.70	7.55	13.50

CASKET CROSSES

No. 71

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
12	\$0.18	\$1.90	\$3.35	24	\$0.45	\$4.70	\$8.45
14	.20	2.25	4.00	26	.50	5.30	9.45
16	.25	2.65	4.70	30	.55	5.65	10.10
18	.30	3.00	5.40	34	.70	7.55	13.50
20	.35	3.40	6.00	36	.80	8.50	15.20

CROSS ON RECLINING STAND, WITH LETTERING FRAME

No. 78

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
12	\$0.55	\$5.65	\$10.10	24	\$1.20	\$12.30	\$21.95
14	.60	6.60	11.80	26	1.35	14.15	25.30
16	.70	7.55	13.50	28	1.55	16.00	28.70
18	.80	8.50	15.20	30	1.70	17.95	32.00
20	.90	9.45	16.85				

CROSSES (Slanting) AND CROWN

No. 77

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
21	\$0.60	\$6.60	\$11.80	30	\$0.75	\$8.00	\$15.00
24	.65	6.70	12.00	33	.85	9.00	17.75
27	.70	7.55	13.50	36	1.00	11.00	21.25

EASELS

No. 52

A very pretty Stand for Designs.

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
15	\$0.15	\$1.50	\$2.70	27	\$0.30	\$2.80	\$5.00
18	.18	1.90	3.35	30	.35	3.75	6.75
21	.20	2.50	3.70	36	.55	5.65	10.10
25	.25	2.25	4.05				

GATES AJAR

No. 113. Double Gates

Steps and Star, included in measure.

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
15 inch high, 1 step.....				Each			
18 inch high, 1 step.....				15	\$0.12	\$1.15	\$2.00
21 inch high, 2 steps.....				18	.15	1.50	2.70
24 inch high, 2 steps.....				12	.20	1.90	3.35
27 inch high, 2 steps.....							
30 inch high, 3 steps.....							
33 inch high, 3 steps.....							

HEARTS—OPEN

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
8	\$0.12	\$1.15	\$2.00	15	\$0.25	\$2.45	\$4.40
10	.15	1.50	2.70	18	.35	3.80	6.75
12	.20	1.90	3.35				

HEART—STANDING

Measure not including base.

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
6	\$0.20	\$1.90	\$3.35	12	\$0.40	\$3.90	\$6.85
8	.25	2.45	4.40	15	.45	4.70	8.45
10	.30	2.80	5.00	18	.50	5.65	10.00

PILLOWS—FLAT

No. 169

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
10	\$0.20	\$1.90	\$3.35	20	\$0.50	\$5.65	\$10.10
12	.25	2.45	4.40	22	.60	6.60	11.80
14	.30	2.80	5.00	24	.80	8.50	15.20
16	.35	3.80	6.75	26	1.00	10.40	18.55
18	.45	4.70	8.45	28	1.20	12.30	21.90

PILLOWS—OPEN TOP

No. 170

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
10	\$0.15	\$1.50	\$2.70	22	\$0.45	\$4.75	\$8.40
12	.20	1.90	3.35	24	.50	5.65	10.00
14	.25	2.45	4.40	26	.55	5.70	10.10
15	.30	2.80	5.00	28	.60	6.60	11.80
18	.35	3.80	6.75	30	.65	6.70	12.00
20	.40	3.90	6.85				

STANDS ON BASES

No. 202

For the florists who wish to make their own designs.

Measure is taken across bottom.

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
4	\$0.10	\$0.95	\$1.70	10	\$0.25	\$2.45	\$4.40
5	.12	1.15	2.00	12	.35	3.40	6.00
6	.15	1.50	2.70	14	.40	3.80	6.75
7	.18	1.70	3.05	16	.45	4.70	8.45
8	.20	2.05	3.75	18	.50	5.65	10.00
9	.23	2.35	4.25				

STAR

No. 197

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
5	\$0.06	\$0.70	\$1.35	12	\$0.18	\$1.70	\$3.00
6	.08	.85	1.60	14	.20	1.90	3.35
7	.10	.95	1.70	16	.25	2.45	4.40
8	.12	1.15	2.00	18	.30	2.80	5.00
9	.14	1.35	2.35	20	.35	3.80	6.75
10	.16	1.50	2.70				

WREATHS

No. 220

In.	Each	Doz.	25
8	\$0.10	\$0.95	\$1.70
10	.12	1.15	2.00
12	.14	1.35	2.35
14	.16	1.50	2.75
16	.20	1.75	3.50
18	.25	2.75	5.00
20	.30	3.25	6.00
22	.40	4.25	8.00
24	.45	4.75	9.00

STANDING WREATHS ON STAND

No. 226

In.	Ea.	Doz.	25	In.	Ea.	Doz.	25
8	\$0.20	\$2.00	\$3.75	14	\$0.40	\$3.80	\$6.75
9	.25	2.45	4.40	16	.45	4.75	8.40
10	.30	2.85	5.10	18	.50	5.65	10.00
12	.35	3.40	6.75	20	.60	6.60	11.80

All prices subject to market changes

(ww)

Fern Dish Earthen
Liner Fern Pan

Cedar Tub

Keystone Tub

Earthen
Flower Pot

Azalea Pot

Earthen
Bulb PanEarthenware
SaucerKrick's Pot
HangerEureka Pot
Hanger**CEDAR TUBS****Equipped with Strong Iron Hoops**

These are made by hand, of the very best white cedar, painted green. A measurements are inside.

	Top Diam.	Depth	Price
No. 0.....	24 $\frac{3}{4}$ in.	24 in.	\$11.00
No. 1.....	23 $\frac{3}{8}$ "	22 "	10.00
No. 2.....	21 "	20 "	9.00
No. 3.....	18 $\frac{11}{16}$ "	18 "	7.25
No. 4.....	16 $\frac{1}{2}$ "	16 "	6.00
No. 5.....	14 $\frac{7}{16}$ "	14 "	5.25
No. 6.....	12 $\frac{7}{16}$ "	12 "	4.50
No. 7.....	11 $\frac{3}{4}$ "	10 "	4.00
No. 8.....	10 $\frac{11}{16}$ "	9 $\frac{1}{2}$ "	3.50

MICHELL'S KEYSTONE TUBS

Made of white cedar, painted green and bound with strong wire hoops. Handles are sold separately at 25c. per pair.

No.	Inside Diam.	Depth	Each	Doz.	100
1....	6 in.	6 in.	\$0.60	\$6.00	\$45.00
2....	7 "	7 "	.65	6.50	46.50
3....	8 "	8 "	.70	7.00	48.00
4....	9 "	9 "	.75	7.50	49.50
5....	10 "	9 "	.80	8.00	60.00
6....	11 "	10 "	.95	9.50	72.00
7....	12 "	11 "	1.10	11.00	87.00
8....	13 "	12 "	1.40	16.00	100.00
9....	14 "	13 "	1.60	17.00	
10....	15 "	14 "	1.75	19.00	
11....	16 "	15 "	1.90	22.00	
12....	17 "	16 "	2.25	23.50	
13....	18 "	17 "	2.50	28.00	
14....	19 "	18 "	3.00	34.00	

No. 2, Special Pail Tub, 10 $\frac{3}{4}$ -in. diam.; 8-in deep. Per doz., \$8.50; \$65.00 per 100.

AZALEA POTS

Diam.	Depth	Doz.	100
5 in.	4 $\frac{1}{2}$ in.	\$0.65	\$4.85
6 "	5 "	.95	7.30
7 "	6 "	1.65	12.15
8 "	7 "	2.35	17.55

EARTHEN BULB PANS

Diam.	Doz.	100
6 inch.....	\$0.95	\$7.30
7 "	1.65	12.15
8 "	2.35	17.55
9 "	3.50	27.00
10 "	5.00	36.40
12 "	9.50	74.25
14 "	16.00	121.50

SEED PANS (Earthenware)

	Each	Doz.
6 inches square.....	\$0.60	\$6.75
8 " " ".....	.85	9.05
10 " " ".....	1.00	11.34
12 " " ".....	1.20	13.50

EARTHEN FLOWER POTS

Width Inside	Doz.	100	1000
1 inch.....	\$0.15	\$1.15	\$9.45
2 "	.15	1.10	7.88
2 $\frac{1}{4}$ "	.20	1.15	8.93
2 $\frac{1}{2}$ "	.25	1.35	10.50
3 "	.30	1.75	13.65
3 $\frac{1}{2}$ "	.35	2.15	16.80
4 "	.40	2.70	21.00
4 $\frac{1}{2}$ "	.50	4.00	28.35
5 "	.65	4.85	37.80
5 $\frac{1}{2}$ "	.85	6.05	47.25
6 "	.95	7.30	56.70
7 "	1.65	12.15	94.50
8 "	2.35	17.55	136.50
9 "	3.50	27.00	
10 "	5.00	36.40	
12 "	9.50	74.25	
14 "	16.00	121.50	

EARTHENWARE SAUCERS

Diam.	Doz.	100
4 inch.....	\$0.25	\$2.00
5 "	.35	2.75
6 "	.50	3.75
7 "	.70	5.00
8 "	1.00	7.00
9 "	1.30	10.00
10 "	1.55	11.50
11 "	1.85	14.00
12 "	2.25	17.50
14 "	4.00	30.00

EARTHEN FERN PANS

Width	Height	Each	Doz.	100
4 in.	1 $\frac{7}{8}$ in.	\$0.05	\$0.50	\$4.00
4 $\frac{3}{4}$ "	2 $\frac{1}{8}$ "	.08	.70	5.00
5 $\frac{1}{2}$ "	2 $\frac{1}{4}$ "	.10	.85	6.25
6 $\frac{1}{4}$ "	2 $\frac{1}{2}$ "	.12	1.00	7.50
7 "	2 $\frac{5}{8}$ "	.15	1.20	8.75
8 "	3 $\frac{1}{8}$ "	.18	1.65	13.50
9 "	3 $\frac{1}{4}$ "	.20	2.00	15.00

FERN DISH LINERS

Width	Depth	Each	Doz.	100
7 in.	1 $\frac{7}{8}$ in.	\$0.15	\$1.56	\$11.88

PLANT NURSE**PEATMOSS-MANURE-POT**

Nurses and nourishes the young plants that are entrusted to its care; made from peatmoss and manure; can be used for all flowering and vegetable plants. Plants can be grown, transplanted and shipped in these pots. Made in 3 sizes only.

No. 1 equal to 2 $\frac{1}{4}$ in. clay pot.	
No. 2 equal to 3 in. clay pot.	
No. 3. equal to 4 in. clay pot.	
No. 1. Crate containing	1000
No. 1. " " "	2000
No. 1. " " "	4000
No. 2. " " "	500
No. 2. " " "	1000
No. 2. " " "	2000
No. 3. " " "	250
No. 3. " " "	500
No. 3. " " "	1000
	\$11.00
	20.00
	35.00
	8.50
	16.00
	30.00
	7.50
	13.00
	24.00

POT HANGERS

	Each	Doz.	P. Post	Gross
Krick's No. 1, 3 to 5 in. pots...	\$0.06	\$0.55	\$0.65	\$4.75
Krick's No. 2, 6 and 7 in. pots.	.07	.65	.75	5.00
Krick's No. 3, 8 to 10 in. pots..	.08	.75	.85	5.50
Eureka. For all sizes of pots. Made of galvanized wire. 10c. each; per doz., \$1.15 (by P.P., \$1.25); \$9.00 per 100.				

NEPONSET BLACK PAPER POTS**For Growing**

Will not damage or retard root growth. The special water-proofing treatment of these pots seems to encourage healthy growth; not necessary to use clay pots.

Size	Weight per 1000	Price per 1000
2 inch.....	14 lbs.	\$4.10
2 $\frac{1}{4}$ inch.....	16 lbs.	4.25
2 $\frac{1}{2}$ inch.....	22 lbs.	5.00
3 inch.....	28 lbs.	6.60
3 $\frac{1}{2}$ inch.....	39 lbs.	8.50
4 inch.....	52 lbs.	11.00
5 inch.....	88 lbs.	16.50
6 inch.....	124 lbs.	22.00

PAPER FLOWER POTS

Ins. Diam.	Weight per 1000	Per 100	P. Post	1000
2	10 lbs.	\$0.40	\$0.50	\$3.80
2 $\frac{1}{4}$	12 "	.45	.55	4.00
2 $\frac{1}{2}$	16 "	.50	.60	4.60
3	24 "	.65	.80	5.75
3 $\frac{1}{2}$	34 "	.85	1.00	7.50
*4	46 "	1.00	1.20	9.00
*5	74 "	1.50	1.70	11.00
*6	102 "	2.00	2.30	15.50

Special prices will be quoted f. o. b. factory.

RUBBER SAUCERS

Durable and waterproof.

Diam.	Each	P. Post	Doz.
4 inch.....	\$0.12	\$0.17	\$1.25
4 $\frac{1}{2}$ "	.15	.20	1.50
6 "	.20	.25	2.00
6 $\frac{1}{2}$ "	.25	.35	2.75
7 $\frac{1}{2}$ "	.30	.40	3.25
9 "	.40	.50	4.50
10 "	.60	.70	6.90
12 "	.75	.90	8.50

WOOD FIBRE SAUCERS

Outside Diam.	Each	P. Post	Doz.
6 $\frac{1}{4}$ inch.....	\$0.35	\$0.40	\$4.00
8 $\frac{1}{2}$ "	.40	.45	4.50
10 "	.45	.55	5.00
12 "	.75	.85	8.50
14 "	1.15	1.30	13.50
16 "	1.35	1.50	17.50
18 "	1.50	1.65	17.50

DIRECTIONS FOR USING ANY OF THE FOLLOWING WILL BE FOUND ON EACH PACKAGE

PLEASE NOTE.—Insecticides marked * cannot be sent by parcel post.

***Agri Pax.** A contact insecticide which controls rose-bugs as well as soft bodied insects; can be used on currants, asparagus, lettuce, celery, etc. The manufacturers claim it is harmless to plants and is non-poisonous. Per qt., \$1.00; \$3.00 per gal.; 5 gals., \$12.00.

Ansul Colloidal Sulphur. A general sulphur fungicide and contact insecticide, for fruits, vegetables, flowers, shrubs and trees. Per 3 lb. pkg., \$1.50.

Ansul Formaldehyde Dust. A seed and soil treating compound which controls seed borne diseases. Per lb., 50c.; \$1.50 per 5 lbs.; 25 lbs., \$4.25.

***Antrol** A complete control system of combating ants, consisting of special glass containers and Antrol syrup. The complete system should cover every 15 feet around the outside of the house or ant trails in the garden. Antrol sets containing 4 containers and one 4-oz. bottle of syrup, 75c.; Antrol extra containers, 10c. each; Antrol syrup, 4-oz. bottle, 35c.; 85c. per pt.; gal., \$3.50. Antrol ready filled sets, consisting of 4 containers, filled with Antrol syrup, 50c.

***Antrol Ant and Roach Powder.** An improved fast killing powder for the extermination of ants and roaches. Per pkg. of 2 oz. in shaker twist top can, 20c.; 35c. per 4 oz.; 5 lbs., \$4.50.

***Aphine.** For destroying aphids, green fly, thrip, red spider and other greenhouse and outdoor insects. It dilutes readily in water about 1 part to 40 of the latter. Per $\frac{1}{4}$ pt., 25c.; 40c. per $\frac{1}{2}$ pt.; pt., 65c.; \$1.00 per qt.; per gal., \$3.00.

Aphis Punk. A paper that has been saturated with nicotine for controlling green and black fly and many other forms of insects. Used for fumigating. Especially recommended for destroying many insects injurious to roses, chrysanthemums, sweet peas, smilax and ferns. (For use in greenhouses only.) Per pkg. of 12 sheets, 85c.; \$8.50 per case of 12 pkgs.

***Aphistrogen.** Makes a complete spray for aphids (plant lice) and for most sucking insects; also a plant disinfectant; prepared especially for roses and other plants. Per 4 oz., 70c.; \$1.20 per $\frac{1}{2}$ lb.; 2 lbs., \$3.25; \$14.50 per 12 lbs.

***Arsenate of Lead** (Coated). Especially valuable for protecting foliage against the Japanese Beetle, also other insects; covers and sticks like paint. Per lb., 45c.; \$1.00 per 2 $\frac{1}{2}$ lbs.; 10 lbs., \$3.00; \$6.50 per 25 lbs.; \$16.00 per 100 lbs.

***Arsenate of Lead** (Powdered). 1 lb. to 1 $\frac{1}{2}$ lbs. dilutes to 50 gals. of water, or may be used dry, like Paris Green. $\frac{1}{2}$ lb., 20c.; per lb., 25c.; \$1.10 per 5 lbs.; 10 lbs., \$2.10; \$4.50 per 25 lbs.; \$14.00 per 100 lbs.

***Arsenate of Calcium.** Used for spraying potatoes, cotton, tobacco, etc., against chewing and leaf eating insects; kills quick; sticks to leaves. 1 lb. makes 40 to 50 gals. Per $\frac{1}{2}$ lb., 20c.; 25c. per lb.; 5 lbs., 90c.; \$1.75 per 10 lbs.; 25 lbs., \$3.75; \$13.50 per 100 lbs.

Black Arrow Insect Dust. Non-poisonous and will not burn; for use in greenhouses, gardens and fields. Per lb., 40c.; \$1.80 per 5 lbs.; 10 lbs., \$3.25; \$7.25 per 25 lbs.; 50 lbs., \$13.50; \$24.00 per 100 lbs.

***Black Leaf 40.** Full directions on each package. Per 1 oz. bottle, 30c.; \$1.00 per 5 ozs.; lb., \$2.10; \$3.10 per 2 lbs.; 5 lbs., \$5.85; \$10.15 per 10 lbs.; 50 lb. drum, \$43.00.

***Bordeaux Mixture** (Powder). A 12% copper mixture for spraying purposes. Per lb., 25c.; \$1.10 per 5 lbs.; 10 lbs., \$2.10; \$5.00 per 25 lbs.; 100 lbs., \$15.00.

Bug Death. Largely used instead of Paris Green. The manufacturers say that it acts as a fertilizer as well as an insecticide; powder form, applied pure. Not poisonous to persons. Per 10 oz., 25c.; 75c. per 5 lbs.; 12 $\frac{1}{2}$ lbs., \$1.50; \$10.00 per 100 lbs.

Calcium Casenate. Used as a spreader to mix with other insecticides which do not mix readily. Lb., 25c.; per 5 lbs., \$1.15; \$1.90 per 10 lbs.; 25 lbs., \$4.00.

***Carbolineum.** A germicide and disinfectant for purifying poultry houses, stables, etc.; also an excellent wood preserver when used as a paint. Per gal., \$1.40; \$6.50 per 5 gals.

***Ceresan** (DuBay). For treating the seed of small grains, such as barley, oats, wheat or rye against destructive grain diseases. 2 to 3 ounces are required for one bushel of seed. Per lb., 75c.; \$3.00 per 5 lbs.; 25 lbs., \$12.50; \$49.00 per 100 lbs.

***Copper Solution.** Excellent spray for carnation and snapdragon rust and diseases of the grape, pear, apple and other fruits; also for leaf blight and mildew. It is diluted in water. Per qt., \$1.20; \$3.25 per gal.

***Cyanegg.** For generating Hydrocyanic Acid Gas. Claimed to be the best remedy for killing the white fly. Do not use on Sweet Peas as it destroys them. Per lb., 50c.; \$2.00 per 5 lbs.

***Cyanogas** (Calcium Cyanide). G grade. For fumigating. A valuable insecticide for greenhouse fumigation; eliminates aphids, thrips, white fly or soft scale. Per 5 lbs., \$3.00; \$10.00 per 25 lbs.; 100 lbs., \$30.00.

***Cyanogas** (Calcium Cyanide). A grade. For dusting. For killing rats, moles, woodchucks and other rodents. Per $\frac{1}{2}$ lb., 45c.; 75c. per lb.; 5 lbs., \$3.00.

***Derrisol** For the control of plant lice, leaf hopper, green flies, thrips, red spider, etc. Per 1 oz. bottle, 35c.; \$1.20 per $\frac{1}{2}$ lb. bottle; 1 lb. can, \$2.10; \$3.00 per 2 lb. can; 10 lb. can, \$11.50.

Dutox. A non-arsenical control for beetles and leaf-eating insects; does not injure plants nor impair fertility of soil. Per lb., 25c.; \$1.25 per 6 lbs.

Evergreen Insecticide A non-poisonous insecticide, recommended for killing a wide variety of insects on plants and flowers. Per 1 oz., 35c.; \$1.00 per 6 ozs.; 16 ozs., \$2.00; \$3.50 per qt.; gal., \$8.63; \$38.75 per 5 gals.

Fish Oil Soap. An excellent summer spray, when something stronger cannot be used, where the San Jose Scale exists. It is nice for washing off lemon trees, oleanders, and almost anything that would be infested with soft shelled or in fact most any kind of insect. Per lb., 20c.; 80c. per 5 lbs.; 10 lbs., \$1.50; \$3.00 per 25 lbs.; 50 lbs., \$5.00; \$9.00 per 100 lbs.

Fish Oil Soap (Good's Caustic). This comes in a soft soap form and is easily dissolved, 1 lb. to 10 gals. water. Per lb., 20c.; 90c. per 5 lbs.; 10 lbs., \$1.65; \$3.25 per 25 lbs.; 50 lbs., \$5.25; \$9.00 per 100 lbs.

Fish Oil Soap (Rosin). Especially recommended for the destruction of boxwood maggot, bag worm and caterpillars. Full directions on each package. Per 5 lbs., \$1.25; \$2.25 per 10 lbs.; 25 lbs., \$3.75; \$6.50 per 50 lbs.; 100 lbs., \$12.00.

Fume Tobac (for Burning). A high nicotine content tobacco dust, for greenhouse fumigation. Per 25 lbs., \$4.50; \$8.00 per 50 lbs.; 100 lbs., \$15.00, f. o. b. Phila. Per 25 lbs., \$4.25; \$7.50 per 50 lbs.; 100 lbs., \$14.00, f. o. b. factory.

***Fungicide** (Zenke's). For various forms of fungous diseases. Per $\frac{1}{2}$ pt., 30c.; 55c. per pt.; qt., 90c.; \$1.75 per $\frac{1}{2}$ gal.; gal., \$3.25.

***Fungtrogen** A highly concentrated form of fungicide that will conquer mildew and control black spot on roses. Dilute 1 part with 60 parts of water. Per $\frac{1}{2}$ pt., 70c.; \$1.15 per pt.; qt., \$1.80; \$3.25 per $\frac{1}{2}$ gal.; gal., \$5.50.

Getz There Soap. Ideal for washing palms and spraying in place of Whale Oil Soap. Per 2 lbs., 50c.; \$1.50 per 8 lbs.; 25 lbs., \$4.00; bbl. lots, 11c. per lb.

Grape and Rose Dust. A powder preparation used for mildew, aphids, black fly and other insects, also for fungous diseases, principally in greenhouse. Per 5 lbs., 85c.; 25 lbs., \$4.00; \$13.50 per 100 lbs.

***Hellebore.** An ideal material for destroying rose bugs, currant worms and other soft-shelled insects that infest the garden. Per $\frac{1}{2}$ lb., 25c.; 45c. per lb.; 5 lbs., \$2.00.

***Hydroxide** (Mechling's). A combined spray-insecticide and fungicide—kills quickly. Per $\frac{1}{2}$ lb., 20c.; 40c. per lb.; 5 lbs., \$1.60.

***Insectrogen** A complete spray, for leaf-chewing insects, including caterpillars, rose-slug worms and Japanese Beetles; also for black spot, mildew and red spider. Per $\frac{1}{2}$ pt., 90c.; \$1.60 per pt.; qt., \$2.50; \$4.25 per $\frac{1}{2}$ gal.; per gal., \$7.00.

Kerosene Emulsion (Liquid) (Miscible Oil). Makes an excellent spray for all mild forms of scale and soft lice such as infest rose and fruit bushes, vegetables and trees. Dilutes 1 part to 20 parts of water. Per pt., 40c.; 65c. per qt.; gal., \$1.60.

Lemon Oil Insecticide. Used by nearly all the leading growers. It effectually destroys mealy bug, scale, thrip and red spider. Per $\frac{1}{2}$ pt., 25c.; 45c. per pt.; qt., 75c.; \$1.25 per $\frac{1}{2}$ gal.; gal., \$2.25; \$9.00 per 5 gal. keg.

***Lime Sulphur.** For scale insects on trees and shrubs and such fungous diseases as can be treated in winter or early spring; also for leaf curl of peaches. Per qt., 35c.; 90c. per gal.; 5 gals., \$3.50; \$9.00 per $\frac{1}{2}$ bbl. (30 gals.); bbl. (50 gals.), \$12.00.

Lime Sulphur (Dry Powder Form). Instantly soluble in either cold or hot water; dilute 1 lb. to 6 gals. of water; does not separate, keeps indefinitely. Per lb., 30c.; \$1.30 per 5 lbs.; 10 lbs., \$2.10; \$4.00 per 25 lbs.; 50 lbs., \$7.50; \$13.00 per 100 lbs.

PLEASE NOTE—Insecticides marked * cannot be sent by parcel post.

***Mag-O-Tite** Protects crops against the ravages of the root maggot and other garden pests; also eradicates earth worms from lawns, etc.; a valuable stimulant and fertilizer. Per lb., 45c.; \$1.40 per 5 lbs.; 25 lbs., \$4.50; \$8.25 per 50 lbs.

Mexican Bean Beetle Destroyer. Dust or spray; no danger of burning; especially for use on plants having tender foliage. Per lb., 30c.; \$1.00 per 4 lbs.

Mexogen. Kills and repels Mexican bean beetles; non-poisonous to humans, animals, or birds, when directions are followed. Per ½ pt., 70c.; \$1.90 per qt.; gal., \$5.50.

***Mo Lo.** A preparation for destroying and driving away moles. Per pkg., 25c.; \$2.50 per doz.

***Mouse Seed.** For destroying mice. Per pkg., 25c.

Napofume. Controls thrip, sow-bug, wire-worm, millepedes, angle worms and many other insects that infest the soil, in addition to cleaning the soil. Per 5 lbs., \$1.50; \$2.75 per 10 lbs.; 25 lbs., \$5.00; \$9.00 per 50 lbs.; 100 lbs., \$17.00.

***Nico Fume (Liquid).** A modern insecticide for vaporizing and spraying. \$2.25 per lb.; 4 lbs., \$5.75; \$10.00 per 8 lbs. Special contract price on large orders.

***Nico Fume Paper.** For fumigating greenhouses, conservatories, etc. Per box of 24 sheets, \$1.25; \$4.50 for 144 sheets; 288 sheets, \$8.00. Special contract price on large orders.

***Nico Fume Fumigating Powder.** A 12½% nicotine fumigator for greenhouse use; burns efficiently and dispenses dense fumes of nicotine; complete with directions in each can. Per 1 lb. tin, \$1.00; \$3.35 per 5 lb. size; 10 lb. size, \$5.85.

***Nikoteen (30% solution).** One of the very best forms of tobacco or nicotine preparations; usually diluted in water; makes a most satisfactory spray as well as vapor. Per 1 oz. bottle, 25c.; \$2.50 per doz.; 40c. per 1¼ oz. bottle; ½ lb. bottle, \$1.00; \$1.75 per 1 lb. bottle; 4 lb. bottle, \$5.50; \$10.50 per 8 lb. bottle.

***Nikoteen (40% solution).** Per 4 lbs., \$6.00; \$11.50 per 8 lbs.

***Nicotine Pyrox.** An insecticide and fungicide that kills all common bugs and controls blight and other plant diseases. Per 10 oz., 45c.; \$1.20 per 40 oz.; 5 lbs., \$1.65; \$2.90 per 10 lbs.

***Para Dichlorobenzine.** For peach tree borers; full directions on each package. Per 1 lb. can, 45c.; \$2.10 per 5 lb. can; 10 lb. can, \$3.50; \$8.50 per 25 lb. keg; 100 lb. keg, \$28.00.

***Paris Green.** A poisonous powder for potato bugs, worms, caterpillars, slugs, etc. Per ¼ lb., 13c.; 25c. per ½ lb.; lb., 45c.; \$2.00 per 5 lbs.; 14 lbs., \$4.50.

***Pomo Green or Massey Dust.** A leaf green dust for protecting roses and other flowering plants against insects and fungous diseases. Per lb., 40c.; \$1.65 per 5 lbs.

Pomo-Green with Nicotine. A leaf-green all-in-one dust or spray for leaf-eating insects and many plant diseases. Per lb., 65c.; \$2.75 per 5 lbs.

Pyrethrum Powder. Valuable as a poison for plant lice, water bugs, roaches, etc., also the strawberry moth. Per lb., 45c.; \$2.00 per 5 lbs.; 10 lbs., \$3.75.

Pyrote. A non-poisonous insecticide for killing both chewing and sucking insects; especially recommended for florists; mix with water only. Per 1 oz. bottle, 35c.; \$1.00 per 6 oz. bottle.

***Pyrox.** A combined insecticide and fungicide for all leaf eating insects, blights and fungous troubles. Per lb., 45c.; \$1.70 per 5 lbs.; 10 lbs., \$2.90; \$6.00 per 25 lbs.; 50 lbs., \$7.25; \$12.50 per 100 lbs.; 300 lbs., \$30.00.

***Rat Paste (Zelio).** The most efficient poison for destroying rats, mice and other rodents. Per 2 oz. tube, 50c.

Red Arrow Insect Spray (Pyrethrum Soap). A non-poisonous, efficient insecticide for use against sucking and chewing insects, such as Japanese beetles, rose chafers, aphids (plant lice), leaf hoppers, Mexican bean beetles, etc., either outdoors or in the greenhouse. Per 1 oz. bottle, 30c.; 90c. per ¼ pt.; ½ pt., \$1.50; pt., \$2.75; \$5.00 per qt.; gal., \$15.00.

Red "A" Soap. A liquid neutral potash cocoanut oil soap, containing 40% dry soap ready for use; as a spreader will greatly increase efficiency of liquid contact insecticides. Per ½ pt., 35c.; 60c. per pt.; qt., \$1.00; \$2.80 per gal.; 5 gals., \$11.75.

***Revivo** Controls the Japanese beetle grub, by destroying the grub in the soil; also prevents the growth of crab grass; stunts the growth of chickweed, plantain and dandelion. 10 lbs. will cover a space of 250 square feet. Per 2 lbs., 30c.; \$1.00 per 10 lbs.; 25 lbs., \$2.00; \$7.00 per 100 lbs.; 500 lbs., \$30.00.

***Scalecide** Used for the destruction of the San Jose Scale. Spray during the winter or early spring when the trees are dormant. Per qt., 60c.; \$1.40 per gal.; 5 gals., \$5.00; \$9.00 per 10 gals.; 30 gals., \$23.00; \$30.00 per 50 gals.

***Scale Oil.** An efficient oil spray for controlling scale insects, aphids, thrip, red spider, etc. Per qt., 65c.; \$1.25 per gal.; 5 gals., \$5.00; \$9.50 per 10 gals.; 30 gals., \$16.00; \$24.00 per 55 gals.

***Selocide** A powerful new killing agent that gives positive control of red spiders in one application; also kills the eggs and does not harm tender plants. Dilute 1 part to 49 parts of water. Per qt., \$1.00; \$2.75 per gal.; 5 gals., \$12.00.

***Semesan (Du Bay).** A mercuric disinfectant for the control of many seed, plant and soil diseases. Per 2 oz., 50c.; \$2.75 per lb.; 5 lbs., \$13.00; \$51.25 per 25 lbs.; \$200.00 per 100 lbs.

***Semesan Bel (Du Bay).** For treating seed potatoes before planting; 1 lb. treats 16 to 20 bushels of seed. Per 4 oz., 50c.; \$1.75 per lb.; 5 lbs., \$8.00; \$31.25 per 25 lbs.; 100 lbs., \$120.00.

***Semesan, Jr. (Du Bay).** For controlling seed borne diseases of seed field and sweet corn. Per 4 oz., 40c.; \$1.50 per lb.; 5 lbs., \$7.00; \$31.25 per 25 lbs.; 100 lbs., \$120.00.

Slug Shot The standard remedy for currant worms, rose slugs, cabbage worms and almost any soft-shelled insects. Per 1 lb. carton, 20c.; 65c. per 5 lbs.; \$2.75 per 25 lbs.; 125 lb. barrel, \$13.00; full barrel lots (250 lbs.), \$25.50.

***Snarol** For the control of cut worms, snails, slugs, etc.; non-injurious to vegetation and very economical to use. Per 1½ lbs., 30c.; 80c. per 4 lbs.; 15 lbs., \$2.75; \$7.50 per 50 lbs.

Soap Spray (Imp.). An all-around outdoor and greenhouse insecticide. Per pt., 60c.; 85c. per qt.; gal., \$2.75; \$11.00 per 5 gals.; 10 gals., \$19.00.

Sulfocide. An efficient summer spray for the control of scab and black rot of fruit trees; also for mildew and black spot on roses, etc. Per qt., 90c.; \$2.25 per gal.; 5 gals., \$8.25.

***Sulphate of Copper.** For destroying fungous diseases of all kinds; also used in making Bordeaux mixture, and for spraying potato vines in connection with Paris Green. Per lb., 13c.; 60c. per 5 lbs.; 10 lbs., \$1.10; \$2.50 per 25 lbs.; 100 lbs., \$8.50.

Sulphur. Used principally in greenhouses for checking mildew. It is also used as a preventative and cure for San Jose Scale, when it is used in connection with lime and salt. Per lb., 8c.; 40c. per 5 lbs.; 10 lbs., 75c.; \$1.75 per 25 lbs.; 100 lbs., \$6.50; barrel lots (about 200 lbs.), 6c. per lb.

Sulphur Candles. For fumigating in sick rooms, also in conservatories and greenhouses. 12c. each; per doz., \$1.25.

Sunoco Spray Oil For the control of scale insects, red spider, aphids, thrip, etc.; cheap, effective and pleasant to handle. Per gal., \$1.15; \$4.50 per 5 gals.; 15 gals., \$8.25; \$13.75 per 30 gals.; 50 gals., \$19.00.

***Thrip Juice (Hammond's No. 2).** This preparation is very effective against aphids, red spider, mealy bugs and sucking insects generally. Per pt., 70c.; \$1.10 per qt.; gal., \$3.50.

Tobacco Dust (for dusting). Per 1 lb. can with sifter top, 20c.; 30c. per 5 lbs.; 10 lbs., 50c.; 85c. per 25 lbs.; 100 lbs., \$2.50; \$12.00 per 500 lbs.; ½ ton, \$23.00; \$45.00 per ton.

Tobacco Dust (for fumigating). A specially prepared article. Per 5 lbs., 40c.; \$1.15 per 25 lbs.; 50 lbs., \$2.00; \$3.75 per 100 lbs.; 500 lbs., \$18.00.

Tobacco Stems (Fresh). Principally for fumigating and under benches in greenhouse. 5 lbs., 25c.; 40c. for 10 lbs.; 25 lbs., 75c.; large bales at 1¼c. per lb.; ½ ton, \$12.50; \$22.50 per ton.

Tree Tanglefoot A paste preparation for painting around the trunks of trees, in the form of a band.

Caterpillars and other crawling pests cannot get over it. Per lb., 55c.; \$2.60 per 5 lb. can; 10 lbs., \$5.10; \$10.50 per 25 lbs.

Volck (Garden). A Volck-Nicotine combination spray for the garden; controls red spider, mites, white flies, scales, mealy bugs, caterpillars, aphids, thrips, etc.; also acts as a repellent. 3 ozs., 30c.; 80c. per pt.; gal., \$5.00; \$21.00 per 5 gals.

Volck (Nursery). A mineral oil spray for use on growing plants in greenhouse and garden; it is not to be confused with "Garden Volck", which contains soap and nicotine. Per ½ pt., 30c.; 50c. per pt.; qt., 90c.; \$2.75 per gal.; 5 gals., \$11.50.

Wilson's O. K. Plant Spray A powerful yet harmless and efficient insecticide for aphids, red spider, mildew, scale, etc., for inside and outside spraying. Per ½ pt., 40c.; 90c. per qt.; gal., \$3.00; \$12.00 per 5 gals.; 10 gals., \$21.00.

Worm Destroyer (for Earth Worms). A powder to be distributed over a given surface and soaked with water, which cause the worms to come to the surface and die; also acts as a fertilizer as well as worm destroyer. Per 100 lb. bag, \$3.25; \$13.50 per 500 lbs.; ½ ton, \$25.00; \$45.00 per ton.

***X. L. All Insecticide Compound.** An English preparation for spraying, harmless to very delicate plants; kills mealy bug, red spider and many other insect pests. Per gal., \$7.00.

PLEASE NOTE.—No smaller quantity of Fertilizer than here offered can be supplied.

ALL PRICES ON FERTILIZERS SUBJECT TO
MARKET CHANGES

Acid or Rock Phosphate (16%). Apply 1000 lbs. per acre. Used for mixing with other fertilizers to increase the phosphoric acid analysis. 200 lbs., \$2.75; \$10.00 per ½ ton; ton, \$18.00.

Adco A bacterial food for making artificial manure, by mixing it with leaves, grass cuttings, green weeds or, in fact all the many wastes that accumulate during the garden year and applying water; the product is a clean manure. 25 lbs., sufficient to make one-half ton of manure, \$1.75; \$10.00 per 150 lbs., sufficient to make 3 tons of manure; 600 lbs., \$40.00; \$138.00 per 2100 lbs.

All Crop Fertilizer. For all vegetable crops, grain, grass, etc. 100 lbs., \$2.25; \$4.00 per 200 lbs.; ½ ton, \$17.50; \$32.00 per ton.

Ashes, Canada Hard Wood. Apply 1000 lbs. per acre. Indispensable for all crops requiring potash; excellent for mixing with potting soil. For top dressing lawns and grass fields it is applied to best advantage either in very early spring or late fall. 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.50; \$4.25 per 200-lb. bbl.; ½ ton, \$18.00; per ton, \$35.00.

Asparagus Fertilizer. A mixture that promotes the root and top growth. Apply 800 lbs. per acre. 100 lbs. \$2.25; \$4.00 per 200 lbs.; ½ ton, \$18.50; \$35.00 per ton.

Blood (Dried). For indoor culture of flowering plants, like roses, carnations, etc., its chief element being nitrogen. One of the quickest acting fertilizers. 5 lbs., 45c.; 80c. per 10 lbs.; 25 lbs., \$1.50; \$2.50 per 50 lbs.; 100 lbs., \$4.25; \$7.50 per 200 lbs.; 500 lbs., \$18.00; \$34.00 per ½ ton; ton, \$60.00.

Blood, Bone and Potash. A very high grade fertilizer for the flower and vegetable garden. 100 lbs., \$4.00; \$7.50 per 200 lbs.; 500 lbs., \$18.00; \$32.50 per ½ ton; ton, \$60.00.

Blood Flour. Similar to dried blood, excepting that it is finer and acts almost instantly; in 100 lb. bags. 100 lbs., \$5.00; \$9.00 per 200 lbs.; ½ ton, \$38.50; \$75.00 per ton.

Bone (Coarse Ground). Apply 800 to 1000 lbs. per acre. Prepared from raw bone, exactly like bone meal, except that it is not so fine or quick in action; it is used for the same purposes. \$3.50 per 100 lbs.; 200 lbs., \$6.00; \$28.50 per ½ ton; ton, \$55.00.

Bone Flour. Finely pulverized and bolted. Effective immediately. For rose growing this cannot be excelled. Rich in phosphoric acid and ammonia. 25 lbs., \$1.25; \$2.00 per 50 lbs.; 100 lbs., \$3.50; \$6.50 per 200 lbs.; ½ ton, \$30.00; \$55.00 per ton.

Bone Meal (*Michell's Special Florist's Brand*). Apply 800 to 1000 lbs. per acre. Made from pure raw bone, without any addition of materials. The ideal bone for rose beds and greenhouse use. 3 lbs., 20c.; 30c. for 5 lbs.; 10 lbs., 55c.; \$1.00 per 25 lbs.; 50 lbs., \$1.75; \$3.00 per 100 lbs.; 200 lbs., \$5.75; \$25.00 per ½ ton; ton, \$46.50.

Clay's Fertilizer A reliable English fertilizer for forcing greenhouse plants and vegetables. It can be used in either dry or liquid form. 28 lbs., \$3.00; \$5.25 for 56 lbs.; 112 lbs., \$9.75.

Cotton Seed Meal. Apply 800 lbs. per acre. Exceedingly rich in potash and ammonia; excellent as a grass and grain fertilizer. 5 lbs., 25c.; 45c. per 10 lbs.; 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.75; \$23.50 per ½ ton; ton, \$45.00.

Cow or Cattle Manure (Pulverized or Shredded). Thoroughly sterilized and weedless. Quick in action and especially desirable for pot plants, etc. F. o. b. Philadelphia, 25 lbs., \$1.00; \$1.80 per 50 lbs.; 100 lbs., \$3.00; \$14.00 per 500 lbs.; ½ ton, \$27.00; \$52.00 per ton.

Cow or Cattle Manure. F. o. b. Chicago, 100 lbs., \$2.50; \$9.00 per 500 lbs.; 1000 lbs., \$17.00; \$32.00 per ton.

Driconure. A desirable lawn and garden top dressing and soil conditioner; the ingredients are high grade cow manure and quality peat moss. Per bag of 50 lbs., \$2.50; \$12.00 per 5 bags; 10 bags, \$23.50.

If small quantities of fertilizers where listed are wanted by parcel post, please add for postage as follows: 10c. for 3 lbs.; 15c. for 5 lbs.; 20c. for 10 lbs., to the first and second zones; for other zones please add additional postage. Larger quantities by express or freight.

Ferogen. A spring and summer ground dressing; reinforces any manure fertilizers you may use. Lb., 65c.; \$1.15 per 2 lbs.; 5 lbs., \$2.50; \$4.70 per 10 lbs.; 25 lbs., \$10.00; \$37.00 per 100 lbs.

Floranid. A highly concentrated organic nitrogen fertilizer for vegetables, flowers, shrubs, lawns, etc. ½ lb. is sufficient to treat 100 square feet of ground. Full directions on each package. Lb., 20c.; 85c. per 5 lbs.; 10 lbs., \$1.40; \$2.50 per 25 lbs.; 100-lb. bag, \$8.50.

Horn Shavings. Used principally for mixing in potting soil; rich in ammonia; especially valuable in chrysanthemum growing. 5 lbs., 55c.; \$1.00 per 10 lbs.; 25 lbs., \$1.75; \$3.00 per 50 lbs.; 100 lbs., \$5.50; \$10.50 per 200 lbs.

Horse Manure. (See Manure.)

Hortobacco (Michell's). Gives immediate and continuous fertilization; destroys insects; makes bigger blooms and longer stems when used for flowering plants; valuable also for the vegetable garden. 5 lbs., 25c.; 40c. for 10 lbs.; 25 lbs., 90c.; \$1.50 for 50 lbs.; 100 lbs., \$2.50; \$12.00 for 500 lbs.; ½ ton, \$23.50; \$40.00 per ton, f. o. b. Phila. (\$35.00 per ton, f. o. b. Lancaster).

Hyper-Humus. An excellent article to incorporate with poor soil in the garden or greenhouse; especially desirable for mixing with potting soil. 5 lbs., 25c.; 40c. for 10 lbs.; 25 lbs., 65c.; \$1.00 per 50 lbs.; 100 lbs., \$1.75; \$3.00 per 500 lbs.; ½ ton, \$13.00; \$22.50 per ton. Carload lots in bulk, \$9.00 per ton, f. o. b. factory.

Kainit (Potash Salts). Apply 800 to 1000 lbs. per acre. Excellent for potatoes, corn and other grains. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 75c.; \$1.35 per 100 lbs.; 200 lbs., \$2.50; \$11.00 per ½ ton; ton, \$20.00.

Land Plaster. Apply about 1500 to 2000 lbs. per acre. For top dressing sour and worn out soils, also for mixing with Paris Green. 25 lbs., 60c.; \$1.00 per 50 lbs.; 100 lbs., \$1.75; \$3.00 per 200 lbs.; ½ ton, \$13.50; \$25.00 per ton.

Lawn Dressing and Fertilizer (*Michell's*). This is a complete balanced fertilizer for fairways and putting greens and is highly desirable, for it avoids putting on fertilizers some parts of which are only suitable for grass growing purposes. This fertilizer is complete in every way and will produce wonderful results. Apply at the rate of 1000 lbs. per acre. Per 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., 85c.; \$1.50 per 50 lbs.; 100 lbs., \$2.75; \$25.00 per ½ ton; ton, \$45.00.

Lawn Sand (*Climax*). For destroying weeds in the lawn without injury to the grass. Also a valuable fertilizer. For best results follow the directions on package. 3½-lb. tin, 65c.; \$1.25 per 7 lbs.; 14 lbs., \$2.25; \$3.75 per 28 lbs.; 56 lbs., \$6.00; \$11.50 per 112 lbs.

Lime (Hydrated or Powdered). For mixing with earth or other purposes where a soil sweetener is needed. 25c. per 10 lb. box; 50 lbs., 65c.; \$1.25 per 100 lbs.; 500 lbs., \$6.00; \$11.00 per ½ ton; ton, \$20.00.

Limestone (Pulverized). For applying to sour and worn out soils at the rate of 1 ton per acre. Per 100-lb. bag, 90c.; \$4.25 per 500 lbs.; ½ ton, \$8.00; \$15.00 per ton.

Loma. A scientifically prepared plant food for lawns, flower gardens, vegetable gardens, shrubbery and potted plants; rich in life-giving nitrogen, also potash and phosphates. Lb., 15c.; 50c. per 5 lbs.; 10 lbs., 85c.; \$1.25 per 25 lbs.; 50 lbs., \$2.50; \$4.00 per 100 lbs.

Manure. At short notice we can usually supply first-class horse, cow and stock-yard manure in carload lots only. Prices quoted on request.

Mum Manure (Smith's). A perfect food for Mums and other flowers, either under glass or in the garden. Used both as a top dressing and as liquid manure. 50 lbs., \$2.00; \$3.75 per 100 lbs.; 500 lbs. or over, at \$3.50 per 100 lbs.

MICHELL'S HIGH GRADE FERTILIZERS

PLEASE NOTE.—No smaller quantity of Fertilizer than here offered can be supplied.

ALL PRICES ON FERTILIZERS SUBJECT TO MARKET CHANGES

Muriate of Potash. Apply 100 to 150 lbs. per acre, usually with other fertilizers. This must be used with great care, as it is very powerful. Excellent for potatoes, corn and other grains. Analysis equal to 50% actual potash. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.00; \$2.00 per 50 lbs.; 100 lbs., \$3.75; \$7.00 per 200 lbs.; ½ ton, \$31.50; \$60.00 per ton.

Mushroom Soil (Prepared). This is the straight mushroom soil which has been screened and kiln-dried so as to destroy weed seed and other obnoxious matter. Ideal for top dressing the lawn. 25 lbs., 65c.; \$1.00 per 50 lbs.; 100 lbs., \$1.75; \$11.50 per ½ ton; ton \$22.50.

Nitrate of Soda. Apply 100 to 150 lbs. per acre, mixing with land plaster or other fertilizers to render application more easy. Use only after plants are above ground. If used in liquid form, dilute 2 oz. to 1 gal. of water and do not apply oftener than twice a week. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.00; \$1.90 per 50 lbs.; 100 lbs., \$3.25; \$6.00 per 200 lbs.; ½ ton, \$27.00; \$50.00 per ton.

Nitrophoska. A well-balanced, quick-acting food for every purpose in the garden, on lawns, flowers, shrubs, vegetables, etc. Analysis: Nitrogen, 15%; Phosphoric Acid, 30%; Potash, 15%. Lb., 20c.; 85c. per 5 lbs.; 10 lbs., \$1.25; \$2.50 per 25 lbs.; 100 lbs., \$6.25.

Philogan A natural manure for all crops. Organic material, manufactured by scientific process; no waste, all available, absolutely safe; the ideal food for carnations, roses, sweet peas, etc. 100 lbs., \$2.00; \$19.00 per ½ ton; ton, \$35.00.

Phosphate for Corn and Oats. Apply 800 pounds per acre, 100 lbs., \$2.50; 200 lbs., \$4.50; \$17.50 per ½ ton; ton, \$32.00.

Phosphate, Michell's High Grade. For all vegetable crops, grains, grass, etc. Apply 800 to 1000 lbs. per acre broadcast. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 90c.; \$1.60 per 50 lbs.; 100 lbs., \$2.75; \$5.00 per 200 lbs.; ½ ton, \$20.00; \$38.00 per ton.

Plantabbs. An odorless plant food in tablet form, for all plants in the house or garden; they dissolve in water almost instantly and make a wonderful liquid fertilizer. Pkgs. of 30 tablets, \$2.00 per doz.; pkgs. of 75 tablets, \$4.00 per doz.; pkgs. of 200 tablets, \$8.00 per doz.; can of 1000 tablets, \$28.00 per doz.

Potato Fertilizer (Michell's). Apply 800 to 1000 lbs. per acre. The principal fertilizer for potatoes in this section, being especially compounded for this purpose. 25 lbs., 75c.; \$1.25 per 50 lbs.; 100 lbs., \$2.25; \$4.25 per 200 lbs.; ½ ton, \$21.00; \$40.00 per ton.

Salt. For agricultural purposes, asparagus beds and putting on walks and roads to kill weeds. Apply 800 lbs. per acre. 100 lbs., \$1.50; \$2.75 per 200 lbs.; ½ ton, \$12.00; \$22.00 per ton.

Sheep Manure (Wizard Brand). Apply 1000 lbs. per acre. For garden, lawn or greenhouse use, nothing surpasses sheep manure; it is clean and easily handled, besides giving immediate results. Prices, f. o. b. Philadelphia, 3 lbs., 20c.; 30c. per 5 lbs.; 10 lbs., 55c.; 90c. per 25 lbs.; 50 lbs., \$1.50; \$2.75 per 100 lbs.; 500 lbs., \$13.00; \$24.00 per ½ ton; ton, \$45.00.

Sheep Manure (Wizard Brand). F. o. b. Chicago. For our western and southwestern customers shipment can be made from Chicago at considerable saving in freight charges. 100 lbs., \$2.50; \$8.50 per 500 lbs.; ½ ton, \$16.00; \$30.00 per ton.

Soil Prep. A companion product to Loma; a scientific soil conditioner for lawns, greens, fairways, flowers, vegetables, shrubs and trees; it is high in humus; free from weed seeds; apply 2 to 8 lbs. per 100 sq. ft. 5 lbs., 25c.; 40c. per 10 lbs.; 25 lbs., 90c.; \$1.50 per 50 lbs.; 100 lbs., \$2.75.

Soot (Imported Scotch). This is used principally for bringing a good healthy color into the foliage of chrysanthemum and other greenhouse plants. Also destroys insects and grubs that work on top of and underneath the surface. 5 lbs., 45c.; 75c. per 10 lbs.; 25 lbs., \$1.25; 100 lbs., \$3.50; 500 lbs., \$15.00.

If small quantities of fertilizers where listed are wanted by parcel post, please add for postage as follows: 10c. for 3 lbs.; 15c. for 5 lbs.; 20c. for 10 lbs., to the first and second zones; for other zones please add additional postage. Larger quantities by express or freight.

Stimugerm. A pure culture of nitrogen-fixing bacteria for inoculating all leguminous crops, such as beans, peas, clovers, etc. When ordering, be sure to state what crops you wish to inoculate. Special garden size, for Garden Peas, Beans and Sweet Peas, 25c. For Alfalfa and mixed Clovers. ½ bu. size, 50c.; 1 bu. size, 90c.; 2½ bu. size, \$2.25. For Cow Peas and Soy Beans; 1 bu. size, 40c.; 2 bu. size, 70c.; 5 bu. size, \$1.50. For Vetch, Peas and Beans, ½ bu. size, 35c.; 1 bu. size, 60c.; 2 bu. size, \$1.00; 5 bu. size, \$2.25.

Stim-U-Plant. A plant food in tablet form, containing highly concentrated, immediately available forms of plant food for use in stimulating all fruit, flower, vegetable and ornamental plants and may be used in tablet or in liquid form. Pkg. of 30 tablets, 25c.; 75c. per pkg. of 100 tablets; 1000 tablets, \$3.50.

Sulphate of Aluminum. Especially adapted for fertilizing Rhododendrons and other plants requiring an acid soil. 5 lbs., 35c.; 55c. per 10 lbs.; 25 lbs., \$1.00; \$3.50 per 100 lbs.; 200 lbs., \$6.50.

Sulphate of Ammonia. Apply 75 to 100 lbs. per acre only with other fertilizers deficient in nitrogen. This material will stimulate growth almost immediately. Analysis: Equal to 25% of ammonia. 5 lbs., 35c.; 65c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$5.50 per 200 lbs.; ton, \$42.50.

Sulphate of Potash. Apply 100 to 125 lbs. per acre, usually with other fertilizers. On account of its great strength it must be used judiciously. Valuable for root and grain crops. Analysis: Equal to 50% of actual potash. 5 lbs., 35c.; 60c. per 10 lbs.; 25 lbs., \$1.15; \$2.00 per 50 lbs.; 100 lbs., \$3.75; \$7.25 per 200 lbs.

Tankage. This is usually applied to plants such as roses, etc., under glass. It is similar to dried blood. 5 lbs., 30c.; 50c. per 10 lbs.; 25 lbs., \$1.00; \$1.75 per 50 lbs.; 100 lbs., \$3.00; \$5.50 per 200 lbs.; ½ ton, \$25.00; \$45.00 per ton.

Terogen. A new autumn and winter ground dressing, acting both as a fertilizer and an insecticide. Lb., 65c.; \$1.15 per 2 lbs.; 5 lbs., \$2.50; \$4.50 per 10 lbs.; 25 lbs., \$10.00; \$37.50 per 100 lbs.

Tobacco Stems. For fumigating, mulching and fertilizing. 5 lbs., 25c.; 40c. for 10 lbs.; 25 lbs., 75c. Bale lots at 1¾c. per lb.; ½ ton, \$12.50; \$22.50 per ton.

Tree Food, Evergreen (Michell's). A wonderful fertilizer for fruit and shade trees; contains the three necessary elements to promote vigorous growth. 25 lbs., \$1.50; \$2.25 per 50 lbs.; 100 lbs., \$3.50; \$17.00 per 500 lbs.; ½ ton, \$32.00; \$62.50 per ton.

Velvet Lawn Fertilizer (Sulphate of Ammonia). For lawns, golf courses, truck gardens, small fruits, orchards, shrubs, house plants and wherever quick, luxurious, weedless vegetation is wanted. 26 oz. carton, 20c.; 45c. per 5 lbs.; 10 lbs., 70c.; \$1.65 per 25 lbs.; 50 lbs., \$2.75; \$3.00 per 100 lbs.

Vigoro. A specially prepared plant food for lawns, vegetable gardens, flower gardens, shrubbery, trees, etc., 10c. per 12 oz. pkg.; 5 lbs., 50c.; 10 lbs., 85c.; \$1.50 per 25 lbs.; 50 lbs., \$2.50; \$4.00 per 100 lbs.

Wheat Fertilizer. For grass and grain crops. Apply 800 lbs. per acre. 100 lbs., \$2.25; 200 lbs., \$4.25; \$21.00 per ½ ton; ton, \$40.00.

Wonder Worker Fertilizer. An extremely high grade, animal base fertilizer, adapted for growing all vegetable crops; will not burn and not being a chemical product, no special instructions are necessary. Analysis: Ammonia, 7%; phosphoric acid, 6%; potash, 5%. 100 lbs., \$4.00; \$7.50 per 200 lbs.; 500 lbs., \$18.00; \$32.50 per ½ ton; ton, \$60.00.

Wood Ashes. See ashes at top of opposite page.

WIZARD BRAND SHEEP MANURE

Pulverized.—Every weed seed killed—made easy to handle by an extensive process of drying, sterilizing, screening and grinding. Bone dry, convenient, the equivalent of a whole wagon load of crude manure in a bag.

For the Florist.—Wizard gives you pure manure sterilized, safe and free from weed seeds, easy to use on the benches for mixing with bench or potting soil and liquid feeding.

Vegetable Crops.—Wizard is unequalled for vegetable growing under glass and in the open field. Ideal for every kind of vegetation, including shrubs, vines and fruit trees.

Lawns.—Wizard produces a thick, velvety green lawn of lasting beauty.

Prices, f. o. b. Philadelphia, 3 lbs., 20c.; 30c. per 5 lbs.; 10 lbs., 55c.; 90c. per 25 lbs.; 50 lbs., \$1.50; \$2.75 per 100 lbs.; 500 lbs., \$13.00; \$24.00 per ½ ton; ton, \$45.00.

Prices, f. o. b. Chicago, 100 lbs., \$2.50; \$8.50 per 500 lbs.; ½ ton, \$16.00; \$30.00 per ton.

Wizard Brand Cow Manure

Prices, f. o. b. Philadelphia, 25 lbs., \$1.00; \$1.80 per 50 lbs.; 100 lbs., \$3.00; \$14.00 per 500 lbs.; ½ ton, \$27.00; \$52.00 per ton.

Prices, f. o. b. Chicago, 100 lbs., \$2.50; \$9.00 per 500 lbs.; ½ ton, \$17.00; \$32.00 per ton.

ADCO ARTIFICIAL MANURE

converts garden refuse, such as leaves, stalks, cuttings, potato, bean and pea vines, etc., into artificial manure.

ADCO is a powder which, when mixed with almost any non-woody vegetable waste and kept moist, gradually converts the mass into real manure fully equal to the farmyard product in fertilizing power, but free from foul odor, flies, weed-seeds, etc. The process is perfectly simple and not at all laborious.

GARDENERS can now have plenty of manure at low cost and little trouble.

FARMERS, by utilizing straw, corn stalks, etc., can secure their manure without the expense and labor of maintaining live stock.

25 lbs. is sufficient to make one-half ton of manure; 150 lbs. is sufficient to make three tons of manure.

Prices

25 lb. bag.....\$1.75	600 lbs.....\$40.00
150 lb. bag.....10.00	2100 lbs.....138.00

Hyper-Humus

NATURE'S OWN SOIL ENRICHER

This is rich soil humus that has been aerated, sweetened and composted, making it an ideal top dressing for lawns and flower beds; makes heavy soils light and porous, light soils heavy, just what you need to promote plant and lawn development at the seashore; gives immediate and permanent effects wherever used. No odor; no weeds.

For lawns use 200 lbs. to 1000 sq. ft.; for vegetables and flowers, spread about one inch thick. It will work wonders.

Prices

5 lbs.....\$0.25	100 lbs.....\$1.75
10 lbs......40	500 lbs.....8.00
25 lbs......65	½ ton.....13.00
50 lbs.....1.00	Ton.....22.50

Carload lots in bulk, \$9.00 per ton f. o. b. Factory.

PHIOLOGAN



**A Natural
Manure
For All
Crops**

Organic material manufactured by scientific process. No waste, all available, absolutely safe. The ideal food for Carnations, Roses and Sweet Peas; for forcing Tomatoes and Melons it is also excellent.

Will not injure or burn the most delicate blooms or foliage; it is free from all weed seeds and harmful bacteria.

Price, 100 lbs., \$2.00; \$19.00 per ½ ton; ton, \$35.00.

EVERGREEN INSECTICIDE NON-POISONOUS

Effective for killing cucumber and melon bugs, cabbage worms, rose slugs, aphids, leaf hoppers, and most other plant insects, including cut worms; harmless to humans, animals and birds; it kills only insects. It will not injure tender plants. Evergreen has a pleasant odor—being liquid, it is easy to mix and stays in solution without being stirred.

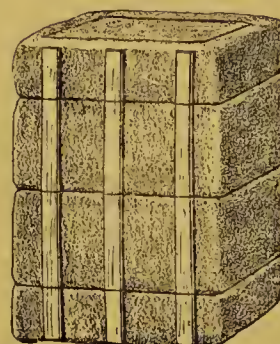
One gallon makes 800 gallons of spray against plant lice.



Prices

Oz.....\$0.35	Qt.....\$3.50
6 oz.....1.00	Gal.....8.63
16 oz.....2.00	5 gals.....38.75

PEAT MOSS, TORF MULL IMPORTED, GRANULATED



A moisture retaining humus and an aid for saving soil fertility. It furnishes the needed organic matter which all soils require. An excellent material for spreading on the lawn, mulching in the flower and vegetable garden and especially desirable for the rose bed; used extensively by leading florists for mixing with potting soil, for propagating benches, also for packing bulbs and plants.

¼ size bale.....\$1.00
Large bale.....2.25
10 bale lots, per bale.....2.00

Ask for prices on quantities.